

MANCHESTER  
1824

The University of Manchester

MANCHESTER

UNDERGRADUATE  
INTERNATIONAL  
PROSPECTUS

2019 ENTRY



# MEET OUR COVER STARS



## **Triple jump champion: Naomi**

Politics student Naomi is a European junior champion in triple jump and takes full advantage of the University's sporting facilities.



## **International traveller: Simon**

Geography student Simon spent his third year studying at The University of Auckland, and is a huge advocate of the University's Study Abroad programme.



## **Sports fanatic: Alex**

Since moving to Manchester from Hong Kong, Accounting student Alex has been making the most of everything the city has to offer – read more from Alex on p39.



## **Chancellor: Lemn Sissay MBE**

Internationally renowned performance poet, writer and broadcaster, Lemn is the University's Chancellor.



## **President and Vice-Chancellor: Professor Dame Nancy Rothwell**

A distinguished physiologist, Professor Rothwell is our President and Vice-Chancellor, Co-Chair of the Council for Science and Technology, and previous President of the Royal Society of Biology.



## **Explorer of heritage: Michel**

Originally from Lebanon, Electrical and Electronic Engineering student Michel loves the architecture and the history of the University – read more from Michel on p32.



## **Library lover: Tori**

Medical student Tori is spending the fourth year of her degree making full use of the University's impressive library facilities – read more from Tori on p33.



## **Professor in Radio Frequency Engineering: Danielle George MBE**

Professor George took her lectures to a national audience in 2014 when she presented the Royal Institution Christmas Lectures.



## **Student ambassador: Letitia**

Final-year Social Anthropology student Letitia works as a student ambassador with the University's Student Recruitment and International Development team.



## **Our stylist: Emma**

As a University of Manchester Fashion Management student and founder and editor of her own magazine, Emma was the perfect stylist for our cover stars.

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# GET STARTED

## Specific course enquiries

Contact the admissions office for the relevant subject area. Contact details are in our course listings pages, which start on p48.

If you need this information in an alternative format, please call our Student Recruitment Office:

t: +44 (0)161 464 3805

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

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

 [/officialuom](https://www.instagram.com/officialuom)

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

 [OfficialUoM](https://www.snapchat.com/add/OfficialUoM)



## 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 and read student blogs.

Learn more at:

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

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

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

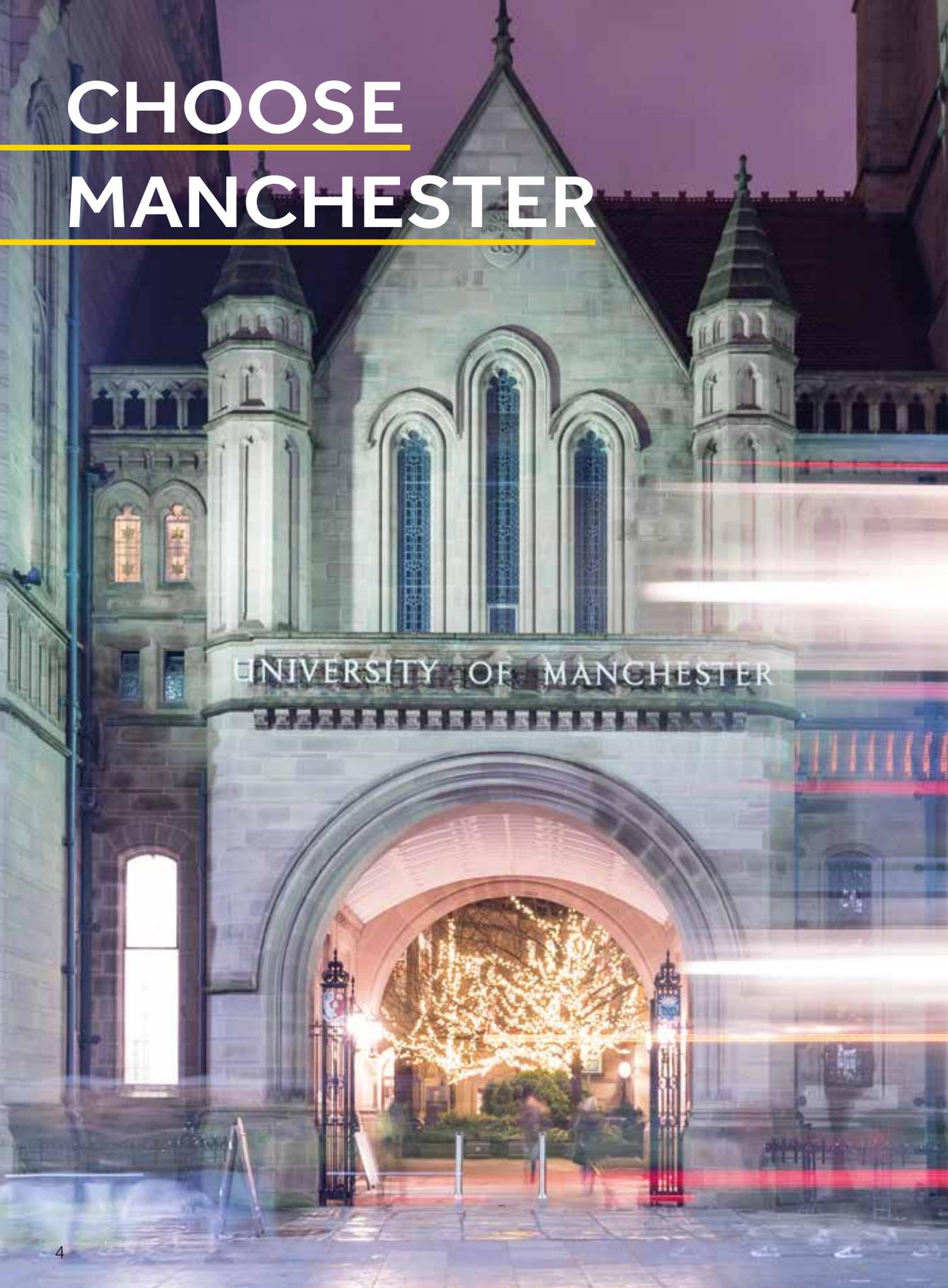
Arrange a visit to our campus by emailing:

[international@manchester.ac.uk](mailto:international@manchester.ac.uk)

Register for an open day at:

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

# CHOOSE MANCHESTER



**A**t Manchester you'll experience an education and environment that set you on the right path to a professionally rewarding and personally fulfilling future. Whichever route you take, we'll help you make your mark.



## Prepare for career success

Join a university highly targeted by top graduate employers\*  
Develop through industrial and entrepreneurial experiences  
**Discover how you can boost your employability on p18.**



## Strive for educational excellence

Learn at a university ranked in the top 40 globally, with a history of world-leading minds\*\*  
Expand your study with interdisciplinary and international opportunities  
**Learn about Manchester's pioneers on p6, our research focus on p8 and your opportunities to learn on p12.**



## Live life to the full

Make the most of transformational activities for personal development  
Take part in sport, societies and a full calendar of social events  
**See how you can Stellify yourself on p10 and be active on p24.**



## Meet the world

Feel at home in a welcoming, diverse environment\*\*\*  
Meet and support local and global communities  
**Find out about our multicultural campus and international opportunities on p12 and how you can make a difference on p20.**



## Get to know a thriving city

Dig deep into Manchester's revolutionary history, music, fashion and creativity  
Experience the UK's best city to live in\*\*\*\*  
Share in our proud, diverse and cosmopolitan community  
**Explore the breadth of Manchester's highlights on p38.**

\*Placed 33rd and 34th globally in the QS (2018) and THE (2017) employability rankings, and first in the UK in *The Graduate Market in 2018* report (High Fliers Research)  
\*\*38th in the world in the Academic Ranking of World Universities (2017) and 29th in the QS (2019)  
\*\*\*Almost 11,000 of our 40,000 students were from overseas – HESA figures 2016/17  
\*\*\*\**Global Liveability Survey 2017* – Economist Intelligence Unit

# FOLLOW IN THEIR FOOTSTEPS

**J**oin a community of global innovators and pioneers whose achievements have helped shape the modern world – a place where 25 Nobel Prize winners have worked or studied.

You'll study in an academic environment that helps brilliant minds turn inspiration into reality, encouraging innovation, experimentation and creative thinking.

Here are just a few highlights from our history.

**1906**

Christabel Pankhurst would become a leading figure in the suffragette movement, after becoming the first woman to graduate from the University in Law.



**1915**

William Bragg, while still a research student, becomes the youngest ever winner of the Nobel Prize in Physics.



**1948**

Freddie Williams and Tom Kilburn create the world's first digital stored-program computer, 'the Baby'.



**1921**

Marie Stopes, who had been the first female lecturer in the Faculty of Science, founds the pioneering Mothers' Clinic for Birth Control in London.

**1917**

Ernest Rutherford becomes the first person to create an artificial nuclear reaction in a laboratory, ushering in a new era of nuclear research.



**1904**

Catherine Chisholm becomes the first woman to graduate in medicine from Manchester Medical School. She helped set up the Manchester Hospital for Babies.



**1957**

Bernard Lovell completes the Lovell Telescope, the world's largest steerable radio telescope at the time, at Jodrell Bank.

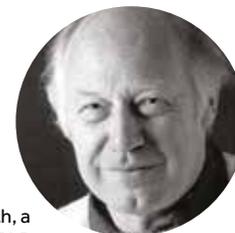


**1979**

Arthur Lewis, having already become Britain's first black professor when he joined us, becomes the first black winner of a Nobel Prize in Economic Sciences.

**1993**

Michael Smith, a Manchester PhD graduate, receives the Nobel Prize in Chemistry for his work on DNA engineering.



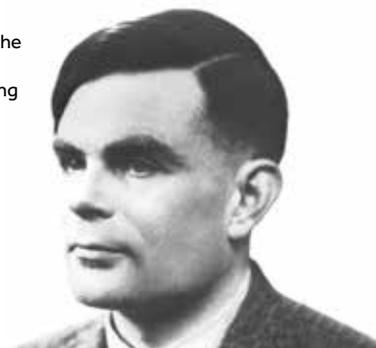
**2010**

Andre Geim and Kostya Novoselov are awarded the Nobel Prize in Physics for their isolation of graphene's potentially world-changing properties.



**1948**

Alan Turing, one of the WWII codebreakers, completes pioneering work in machine intelligence at Manchester, paving the way for artificial intelligence.



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

# ANSWER THE BIG QUESTIONS

**M**anchester is a university built upon research. We're ranked fifth in the UK for research power\* and attract more research income than any other UK university.\*\* We're in the top ten most innovative universities across Europe.\*\*\* For you, this means the chance to learn in an environment where academic enquiry seeks to truly change the world.

Discoveries that hit the headlines one day could feature in one of your lectures the next.

On many of our courses, you'll have the chance to learn research skills – teaching you not only how to answer, but how to question.

Take a look at how Manchester's pioneers are tackling some of the biggest questions facing the planet today.

\*2014 Research Excellence Framework (2014)  
\*\*Higher Education Statistics Agency data (2016-17)  
\*\*\*The Reuters Top 100: Europe's Most Innovative Universities (2018)



## How can we address global inequalities?

We partner with governments, charities, corporations and NGOs to bring about a fairer world, directly influencing policies that make positive changes for people affected by poverty and inequality.



## How can we change the material world?

Manchester brought the world the revolutionary two-dimensional material graphene. From jet engines to water filtration, we're devising remarkable ways to transform current products using advanced materials.



## How can we fight cancer?

Our work with the NHS, charities and the city of Manchester is fighting cancer on all fronts: getting to grips with the disease at a molecular level, testing personalised treatments and alleviating its physical, emotional and economic effects through nursing, psychology and policy work.



## How can we pioneer global energy systems for the future?

We're enhancing the efficiency and viability of energy sources such as solar, wind, tidal and bioenergy. We run the UK's most advanced academic nuclear research capability, and we blend engineering and social sciences to find solutions to energy demand.



## How can we create a more sustainable world?

We're at the forefront of the bio-industrial revolution, using biological resources such as plants, algae, fungi, marine life and micro-organisms to change how we manufacture materials and create next-generation chemicals for industrial and health-care needs.

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

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

# LOOK TO THE STARS



I've taken part in ethical grand challenges and I'm on the committee for a society. I've also taken UCIL units (see p12). I've gained confidence, learned skills outside of my degree and met new people.

**Lara Marie Higham,**  
BSc Biology with  
Industrial Experience



To help you find your unique path to personal and professional success, you'll need opportunities to develop and grow. We call this process **Stellify**: to change, or be changed, into a star.

At Manchester you'll find a whole host of transformational academic and extracurricular activities to help you do more and be more – and you could even prove your abilities to potential employers by gaining a prestigious award.



#### **Learn without boundaries**

Enjoy interdisciplinary, international and entrepreneurial study options outside your course.



#### **Understand the issues that matter**

Become ethically, socially and politically informed on some of humanity's most pressing global issues.



#### **Make a difference**

Contribute to and learn from local and global communities through volunteering.



#### **Step up and lead**

Gain confidence and experience by assisting and inspiring your peers.



#### **Create your future**

Explore countless opportunities for professional career development.

## STELLIFY . . . . .

Throughout this prospectus, we'll highlight the activities that can form part of your Stellify experience.

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

- **Learn without boundaries**
- **Understand the issues that matter**
- **Make a difference**
- **Step up and lead**
- **Create your future**

# LEARN WITHOUT BOUNDARIES

**Y**ou don't just want to learn. You want to discover. We can offer you an unparalleled range of opportunities to seek inspiration, develop new perspectives and go where your curiosity takes you.

## LOOK BEYOND YOUR COURSE

Our **University College for Interdisciplinary Learning (UCIL)** offers diverse course units that count towards your degree. Available to most Manchester undergraduates, they can help you develop new perspectives, challenge conventions and gain experience to help you stand out from the crowd.

UCIL offers opportunities to get accredited skills, helping you to achieve true personal and professional change and making you more employable. These include our Manchester Leadership Programme and Manchester Enterprise Challenge.

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

## KNOWLEDGE AT YOUR FINGERTIPS

You'll have a huge range of physical and digital resources to guide you as you learn. At Manchester we have one of the best-resourced academic libraries in the country, offering:



group-study rooms and 24-hour study spaces



11 sites across campus, all with free WiFi



exhibitions and events at The John Rylands Library



access to Special Collections, including rare books, manuscripts and archives



My Learning Essentials, the Library's award-winning skills support programme covering effective essay writing, referencing, managing exam stress, searching databases and more

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

We'll also keep you connected, even when you're not on campus, through:



an email account and file storage space for your work



podcasts of lectures and other audiovisual learning resources



dedicated IT support, including a 24/7 telephone helpline



Internet access in your room in all University-owned halls of residence



learning resources that you can access via Blackboard, our virtual learning environment

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

## GO GLOBAL ✈

Experience a British education but expand your horizons even further by studying with one of our prestigious partners in another country. You can study abroad with most of our courses and we have more than 200 partners worldwide – including many of the world's other leading universities. Choose to spend one semester or up to a full year abroad and you could potentially save on the cost of your degree through lower fees and grants, and pick up some new language skills.

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



If you study or work abroad within the EU you may be eligible for an Erasmus+ grant, the level of which is determined by the length of the placement. This is a contribution towards the extra costs involved in undertaking a period abroad within Europe. Please note that the availability of this grant is subject to the outcome of the Brexit negotiations.

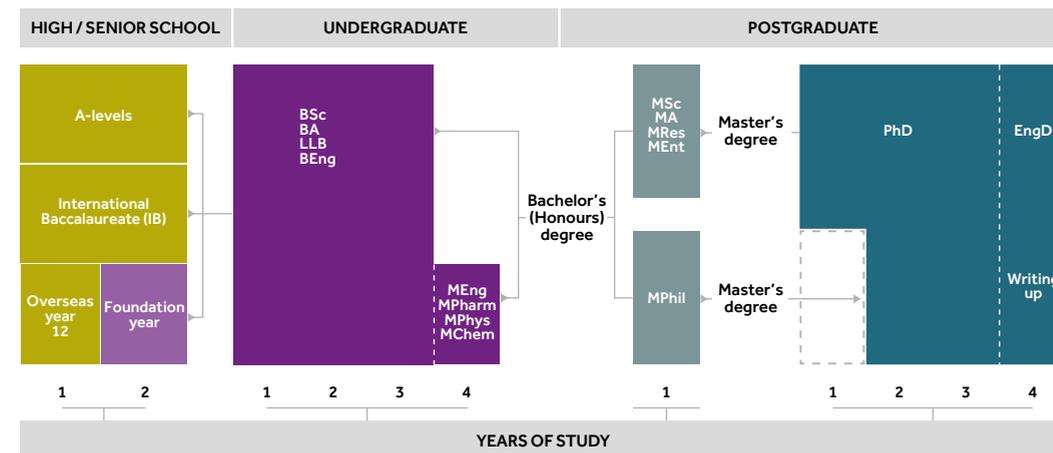
## STELLIFY .....

Enjoy interdisciplinary, international and entrepreneurial study options, and become ethically, socially and politically informed. Find out more about Stellify on p10.

- Learn without boundaries
- Understand the issues that matter

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

# YOUR MANCHESTER PATHWAY



## Take an international foundation pathway

Not everyone follows the same path. In many countries the education system involves spending one year fewer at high school and one year more at university compared with the English system. A foundation pathway can help you continue your journey at Manchester.

### Foundation year

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. This is a bridging course that will equip you with the appropriate academic grounding for a UK degree – plus additional English language teaching if you need to improve your proficiency. At Manchester we offer integrated foundation courses on our campus for degrees in engineering and science. Biosciences and pharmacy foundation courses are delivered by the University at nearby Xaverian College. For details of these courses see pages 57, 73, and 101. We also offer a standalone foundation year for Dentistry and Medicine. For details please see pages 65 and 94.

### INTO Manchester

INTO Manchester offers a foundation pathway programme in partnership with The University of Manchester. 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) degree courses in a wide range of subject areas, including engineering, physical sciences, management, social sciences, law and other humanities-based courses, biosciences, pharmacy, and psychology.

[www.intohigher.com/manchester](http://www.intohigher.com/manchester)

We also consider candidates from other external foundation providers. To check whether we recognise a specific foundation course please email: [international@manchester.ac.uk](mailto:international@manchester.ac.uk)

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

# NOTES FROM A GRADUATE

**W**ho better to guide you on the journey that lies ahead than somebody who's studied here before? Mako Watanabe graduated with a BSc in Biomedical Sciences in 2017. The skills and knowledge she gained at Manchester have enabled her to excel in her role as a Clinical Site Manager in Tokyo, where she supports clinical trials and works to improve the quality of new pharmaceutical products.

Before coming to Manchester I hadn't even been to the UK, but I wanted to study at a university where I could interact with all kinds of different people. From the minute I walked onto campus I knew I'd made the right choice.

You'll come across students from all over the world, with different languages, different interests and different viewpoints. Everyone is so friendly – when I moved into my accommodation I was greeted by flatmates from across the globe.

Living and studying with people from such a range of backgrounds had a really positive effect on me. We did lots of group work and this shared environment really changed me as a person. I became more open-minded and collaborative, and learned to understand situations from other people's perspectives – all skills that have been really helpful in my career.

It's natural to be nervous about moving abroad to study, but don't be! Manchester is a truly multicultural university where you'll make friends for life. Some of the very first people I spoke to on my course turned out to be friends with whom I'm still in touch. We're planning a visit back to Manchester very soon.



## Be inspired by our alumni

We have a global network of 380,000 alumni – when you graduate, you'll become part of this active community.

Former students 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.



## Celebrated former students

Here are just a few names of those who've made the journey through Manchester:

**Vincent Kompany**  
(Global MBA 2017),  
footballer and entrepreneur

**Benedict Cumberbatch CBE**  
(BA Drama 1999),  
Oscar-nominated actor

**Parineeti Chopra**  
(BA International Business,  
Finance and Economics  
2009), actress

**Professor Brian Cox OBE**  
(PhD Physics 1998),  
physicist and science  
communicator

**Teo Chee Hean**  
(BSc Electrical Engineering and  
Management Sciences 1976),  
Deputy Prime Minister of  
Singapore

**Vidi Aldiano**  
(MSc Innovation Management  
and Entrepreneurship 2014),  
singer, musician and  
songwriter

**Dr Amani Abou-Zeid**  
(PhD Development  
Administration and  
Management 2001),  
African Union Commissioner  
for Infrastructure, Energy,  
ICT and Tourism

# PLOT YOUR CAREER PATH

**A**s a Manchester graduate you'll be highly targeted by top graduate employers.\* That's because as a Manchester student you'll find hundreds of exceptional professional development opportunities open to you, right from day one of your degree.

Our close contacts and research collaborations with companies and major employers mean we can offer you a wide variety of industrial placements in destinations across the world.

\*Most targeted university in *The Graduate Market in 2018* – High Fliers Research



## A first-class careers service

**Practical skills development** – courses and workshops to boost your capabilities and commercial awareness

**Professional consultants** – providing tailored advice via face-to-face appointments, phone and email

**My Future** – generate a personalised report highlighting what action you can take to prepare for career success

**International focus** – we have relationships with global employers and leading multinational recruiters, organise bespoke country-specific events and can offer advice on the UK and global job market

**Part-time jobs and volunteering** – advice on securing roles to develop your skills and CV



## Gain professional experience

**Year in industry** – many subject areas at Manchester offer courses that incorporate a year spent in employment

**Work experience as part of an optional course unit** – many courses allow you to take interdisciplinary course units run by our University College as part of your degree, some of which include hands-on experience working in industry or in the community (see p12)

**Extracurricular placements and internships** – our Careers Service regularly advertises industrial placement and internship opportunities that you could take outside of your studies, and it can offer you advice and support on approaching companies directly



## What it means for you

**Make an impression** – 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 getting support in your career

**Develop transferable skills** – demonstrate that you can apply your academic knowledge to the working environment

**Earn as you learn** – many placements are paid

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

 @ManUniCareers

For my industrial experience placement I worked in the sales effectiveness team at Vauxhall Motors. Over the course of the year I managed a number of sales projects and collaborated with many departments, including IT and marketing. There were 80 placement students in the company so lots of opportunities to network. I made some great connections.

The experience helped contextualise my degree and I can now use examples from my own work back in class. I've gained a lot of transferrable skills and believe the time has really improved my career prospects. Industrial experience can help you really stand out.

Nguyen Hai Nguyen  
BSc Management



## STELLIFY

Explore countless opportunities for professional career development. Find out more about Stellify on p10.

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

- Create your future
- Learn without boundaries

# MAKE A DIFFERENCE

I was looking for a new challenge to make my university experience unique, so I decided to go to the Volunteering Fair.

I found out about two opportunities that seemed to complement my linguistics course. That's how I ended up volunteering for Enactus, providing ESOL sessions (English for speakers of other languages) to parents of local primary school children. I also help non-native English speakers via Multilingual Manchester.

Even though my English is good enough to study at university, I wasn't confident about understanding different accents. But in the first few months of volunteering, I surprised myself. I communicated easily with native speakers and that improved my confidence a lot.

Volunteering works two ways: I help others and they help me. I've gained lots of skills, including one that I really appreciated: time management! I can now balance my social life, volunteering and studying effectively.

**Bokyoung Kim**  
BA Linguistics

**A**t Manchester we'll help you discover what you're capable of contributing to the world. You'll find a huge range of opportunities to develop as an ethical leader, from reaching out to our local communities to campaigning for social justice.



**Volunteer locally and globally** – the University and the Students' Union offer a wealth of opportunities, from working with local schoolchildren to signing up with approved voluntary organisations overseas. Find out more at [www.manchester.ac.uk/volunteers](http://www.manchester.ac.uk/volunteers)



**Support your peers** – train to become a student mentor or run academic sessions for lower-year students



**Confront ethical grand challenges** – work alongside undergraduates from all disciplines in our annual challenges tackling sustainability, social justice and workplace ethics. Find out more at [www.manchester.ac.uk/egc](http://www.manchester.ac.uk/egc)



**Lead by example** – combine volunteering work with an academic unit exploring challenges for leaders in the 21st century, all as part of your degree, through our Manchester Leadership Programme



**Gain recognition** – take part in a range of extra curricular activities and you could achieve one of our awards to celebrate making a difference, helping you stand out to potential employers

## STELLIFY .....

Contribute to and learn from local and global communities. Gain confidence and experience by assisting and inspiring your peers. Enjoy interdisciplinary, international and entrepreneurial study options. Find out more about Stellify on p10.

- **Learn without boundaries**
- **Make a difference**
- **Step up and lead**

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

# TAKE PART AND LEAD

We have more student societies at the Students' Union than at any other UK university – and I'd recommend every new student joins one. The best part of being in a society is making friends. Through the Indian Society I met a lot of people who I'm still in touch with today.

As well as being great for meeting people and trying new things, societies also give you the chance to step up and take the lead. I've held leadership positions in the Indian Society and academic societies, and been a rep for my course. I'm now the Diversity Officer at the Students' Union and trustee of the Manchester Students' Union charity. I'm also incredibly proud that next year I'll be the union's very first International Officer.

Getting involved in the Students' Union offers so many incredible opportunities. Join a society in Welcome Week, volunteer for a campaign or work in the bar or shop. Who knows where it might lead you to?

## Riddi Viswanathan

BAEcon Business Studies 2017,  
currently Diversity Officer, Students' Union



The University of Manchester Students' Union (SU) is the hub of student life. In this active and inclusive environment you'll join in events and activities, take part in causes and campaigns, and make connections and friendships for life.



## GET INVOLVED

**480+ student societies** – from politics to performance, flight simulation to scuba diving

**Job opportunities** – 300 students work at the SU

**Social enterprise** – our SU supports any student-led project that tackles barriers to university access and participation

**Student media** – the UK's biggest student newspaper, a radio station and TV channel



## GAIN SUPPORT

**Confidential peer support** – our SU Advice Service can advise on personal, academic, financial and housing issues

**Student representation** – be heard by the University via the SU, or train to become one of our student or halls of residence representatives



## MAKE A DIFFERENCE

**Charitable fundraising** – Manchester RAG (Raise and Give) is one of the country's largest student fundraising groups

**Community volunteering** – help our neighbours via Student Action



## TAKE TIME OUT

**Biko Street** – a space for students to meet, eat and shop, with a bar, street food and store – all under one roof

**The Academy** – acclaimed venues hosting a varied music and club scene

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

## STELLIFY . . . . .

Gain confidence and experience by assisting and inspiring your peers. Find out more about Stellify on p10.

- Make a difference
- Step up and lead

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

# BE ACTIVE



**C**lear your head, meet new people and achieve a healthy work-life balance at university. You'll find a huge variety of physical activities, sports and facilities to suit every individual and lifestyle.



## COMMITTED SPORTSPEOPLE

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

**43 sports clubs across 39 sports** – competing with other institutions through the British Universities and Colleges Sport (BUCS) leagues

**Sport Scholarship funding opportunities** – for elite athletes at junior international level, including a range of support services



## CASUAL PLAYERS

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

**357 teams in campus leagues** – weekly fixtures against other Manchester students across six different sports (including the country's largest soccer league)

**SU sport** – 60+ sports societies in our Students' Union



## NON-COMPETITIVE NOVICES

Get out and try something new.

**Sporticipate** – 50+ hours of free activities on campus and in halls of residence each week aimed at complete beginners

**80+ casual classes** – from aerobics to Zumba

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

## STELLIFY .....

Gain confidence and experience by assisting and inspiring your peers. Find out more about Stellify on p10.

- Step up and lead
- Create your future

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

# FACILITIES FOR CHAMPIONS

## ARMITAGE SPORTS CENTRE

The heart of University sport in Fallowfield. Fitness suite; sports halls; squash courts; floodlit five-a-side and full-size football pitches (the largest number on a university site in the UK); grass pitches; and tennis courts.

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

## SUGDEN SPORTS CENTRE

Drop in for a workout or fitness class between lectures in a fully equipped fitness suite or compete in organised sport activities on indoor courts and outdoor pitches.

## MANCHESTER AQUATICS CENTRE

Built on our campus for the 2002 Commonwealth Games, this is one of the UK's biggest and best swimming facilities featuring two 50-metre pools, a diving pool, fitness suite and dance studio.

## WELL-BEING ROOMS

Join in activities such as yoga and mindfulness workshops in our purpose-built studios at the heart of campus, with a chill-out room available at all times.

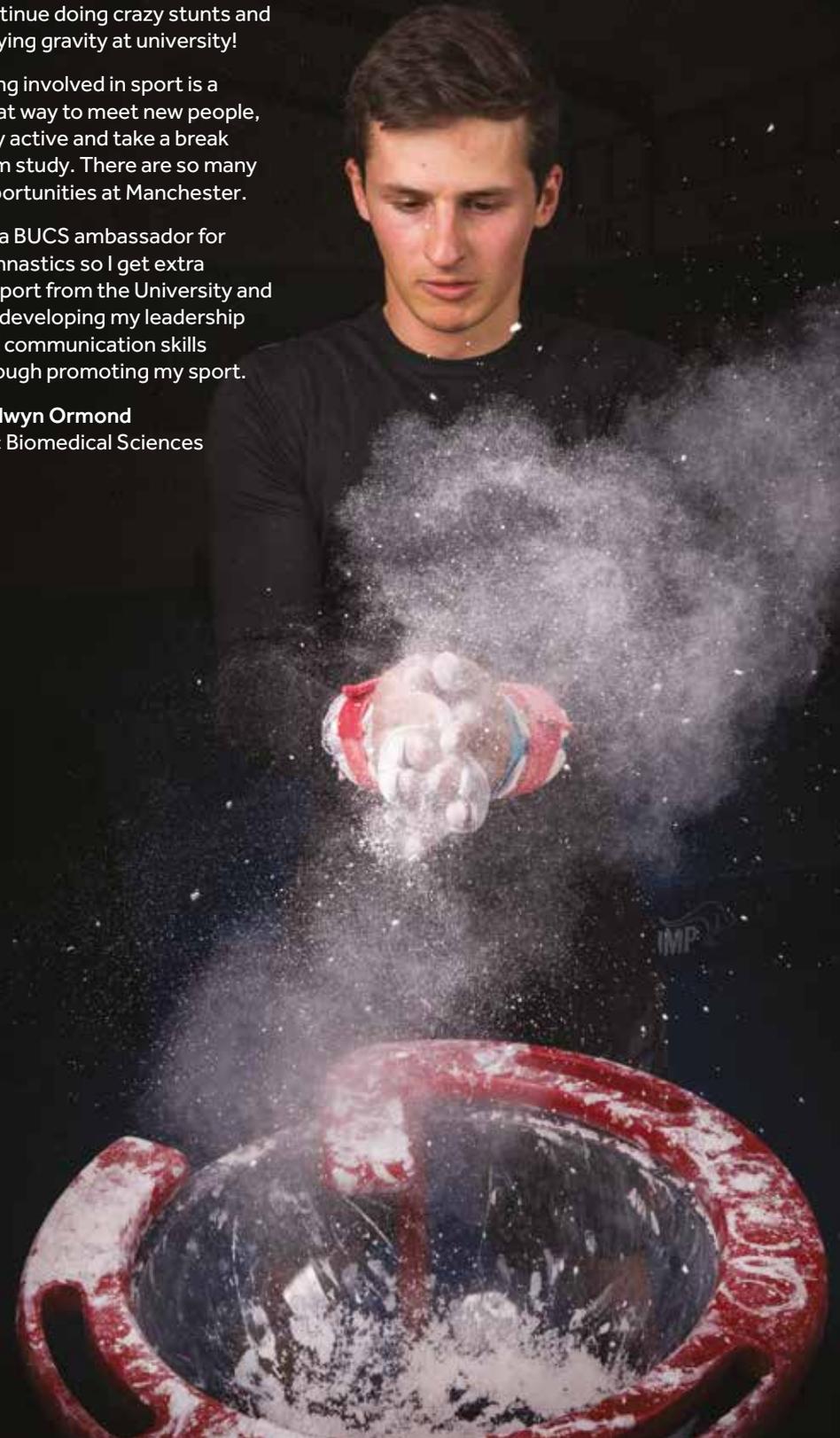


I've been involved with gymnastics since I was a child, so it was important I could continue doing crazy stunts and defying gravity at university!

Being involved in sport is a great way to meet new people, stay active and take a break from study. There are so many opportunities at Manchester.

I'm a BUCS ambassador for gymnastics so I get extra support from the University and am developing my leadership and communication skills through promoting my sport.

**Audwyn Ormond**  
BSc Biomedical Sciences



# ACCESS OUR SUPPORT

**W**e're home to 40,000 students from 177 countries – but we make sure that every individual who joins us gets all the assistance they need. 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. We'll help you enjoy Manchester life to the full and be the very best you can be.



## Before you arrive

Studying with us may be your first experience of the UK so we do all we can to help you prepare.

- We'll send you a step-by-step arrival guide with detailed advice on all aspects of your journey to Manchester.
- University staff hold pre-departure briefings in some countries and our series of specialist pre-departure webinars covering key topics including accommodation and visas will also help you prepare.

You can connect with us via social media to prepare for arrival.

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



/OrientationUoM



@OrientationUoM

## At the airport

Our welcome service will help you get to your new University accommodation at the beginning of the academic year.

## Orientation and welcome

Our diverse orientation programme at the start of the academic year will help you quickly settle in.

- Introduction to the practicalities of living and studying in Manchester
- Talks, workshops and social events where you can meet other new students
- Friendly student ambassadors and staff on hand to answer questions and offer advice

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

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

## Personal and academic support

We're here to help and there are lots of places you can access support at Manchester.

- A dedicated academic adviser will oversee your academic and personal progress and signpost careers and development opportunities. You may also have a personal adviser who can offer general advice.
- Our Student Support and Advice Team can help with issues relating to studies, money, health and well-being.
- The Student Services Centre provides practical information including tuition and accommodation fees, student cards, scholarships and funding, examinations and graduation.

## Student Immigration Team

Our immigration advisers are authorised to give advice and assistance on student immigration matters by the Office of the Immigration Services Commissioner. They can provide advice on the type of visa you need, how to apply before you arrive and 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/immigration-and-visas](http://www.manchester.ac.uk/immigration-and-visas)

## Health care

### Before you arrive

- If you're applying to stay in the UK for six months or longer, you'll need to pay an immigration health surcharge (prior to completing your visa application) to cover your health care (students from Australia or New Zealand are exempt from the health surcharge due to a reciprocal agreement with the UK).
- 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 take out 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

Studying while caring for dependants can be a challenge. We offer the following support:

- two nurseries near campus for children aged between six months and five years – get in touch early to join the waiting list;
- a parents' and carers' network run by the Students' Union, who can also offer advice and support.

## Religious support

Our diverse community can help you find local organisations, explore issues of faith, or discuss a problem with a member of your faith. We offer:

- chaplaincy centres on campus for Anglican, Baptist, Jewish, Methodist, Roman Catholic and United Reformed Church worship, and prayer facilities for Muslim students;
- links to more chaplaincies for other faiths, and multifaith areas for quiet prayer and reflection;
- student societies for most major religions at our Students' Union.

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

### When you arrive

- 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.
- On campus we have an occupational health service for help and advice on managing any health issues that may affect your academic performance.



## Counselling

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

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

# GET TO KNOW OUR CAMPUS

Our campus is not just a place of game-changing academic discoveries. It's also a place for exploration and inspiration in its own right. It's friendly, self-contained and brings together a multicultural community of more than 40,000 students from 177 countries to study, relax and get involved in university life.

What's more, we're continuing to invest in our facilities so that you have an optimum, sustainable, world-class learning environment.

Read our students' thoughts on the places that have inspired them.



## Godlee Observatory

Yulia Yancheva  
BSc Physics with Astrophysics

The white dome on the University's Sackville Street Building is home to a historic observatory with two fascinating telescopes. It's a long way up a spiral staircase to get there! The observatory still looks just like it did when it was built more than a century ago.

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

## The Whitworth Hall

Michel Junior Ishak  
BEng Electrical and  
Electronic Engineering

The architectural designs in the Whitworth Hall are what grab the attention. It gives me a feel for the historical background of the University. I'm excited that when I complete my university education I'll be able to graduate from this remarkable hall.

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



## The John Rylands Library

Tori Wolkind  
MBChB Medicine (intercalating  
Biomedical Sciences)

The University's John Rylands Library is a magical place to study. I feel very privileged to be able to work in this acclaimed neo-Gothic building – which has the added benefit of being in the heart of the bustling Deansgate area.

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

# SETTLE INTO ACCOMMODATION

**M**anchester won't just be the next stage in your education, it'll also be a home away from home, and a base from which to explore. 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 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)

## 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.

For up-to-date pricing information, please see our website.

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

Our accommodation is set across three main areas, all within easy reach of the campus, the city and amenities. Each area offers something different but all offer a great place to live and study.



See a detailed accommodation map at the back of this prospectus.

## 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](mailto:manchesterstudenthomes@manchester.ac.uk)

+44 (0)161 275 7680

[www.manchesterstudenthomes.com](http://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: the Students Living at Home Society; a transport buddy system; day trips and networking events; and the Mature Students' Society.

[www.manchesterstudentsunion.com/livingathome](http://www.manchesterstudentsunion.com/livingathome)

## Find out more

[accommodation@manchester.ac.uk](mailto:accommodation@manchester.ac.uk)

+44 (0)161 275 2888

[www.manchester.ac.uk/accommodation](http://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 our 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 instant 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

For an international student living abroad for the first time, having food provided makes life so much easier. I enjoy being able to socialise at meal times. It's a great way to meet people outside of your course.

The food is pretty diverse – they change the menu up every day and will cater for dietary requirements. I'm usually at university from 9am to 5pm, so it's great to be able to head straight to the catering hall when I get home.

**Andia Chan**  
Ashburne, Fallowfield



## Safety and security

When you move in you're provided with safety tips and information to help you settle in. This makes you feel safe in your flat and it helps to know who to contact for advice. Every flat has a ResLife adviser who visits regularly and can help to resolve pretty much any issue.

Security are always on site to deal with emergencies and the Duty Adviser and reception staff are really helpful too.

**Jiaqi Li**  
Whitworth Park, City



## 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



# EXPLORE THE CITY

From its industrial heritage to its thriving cultural scene, Manchester has something to inspire everyone. Welcoming and vibrant, it's been voted the UK's best city to live in for three consecutive years.\*

In fact, there's so much to explore that it can be hard to know where to start. We asked some of our students to help you on your way.

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

\* Global Liveability Report 2015, 2016, 2017 – The Economist Intelligence Unit

## SPORT

Manchester's sporting history is the envy of the world – and its present isn't bad either. If you love sport, you'll find plenty of ways to indulge your passion.

### Alex's pick: Old Trafford

Manchester is the home of football! I'm here at Old Trafford, where Manchester United play, but Manchester City are not far away at the Etihad Stadium. It's a very sporting city, with lots of options – and it does all those options well.

Alex Chong, BSc Accounting

### Our five top tips:

- 1 **Lancashire County Cricket Club** – county and international matches
- 2 **National Cycling Centre** – sprint, mountain and BMX cycling
- 3 **Manchester Aquatics Centre** – an Olympic-size pool near campus
- 4 **Chill Factor** – indoor skiing and snowboarding
- 5 **Sale Sharks** – our local rugby union team

## MUSIC

With countless venues supporting new and independent acts, as well as arenas and theatres that welcome the biggest names, you'll never be far from music in Manchester.

### Joao's tip: Deaf Institute

Lots of smaller bands come and play at the Deaf Institute, but it's more than a music venue. It's a cool place to go with a really nice bar. Manchester's a very musical city, with a great history: bands like The Smiths, Oasis and many more. It's hard not to get into it when you come here.

Joao Resina de Almeida, BEng Electrical and Electronic Engineering

### Our five top tips:

- 1 **Manchester Arena** – hosting concerts by global superstars
- 2 **The Ritz** – a converted ballroom hosting gigs and club nights
- 3 **Manchester Academy** – three musical venues at our Students' Union
- 4 **Piccadilly Records** – an independent record store serving Manchester since 1978
- 5 **The Bridgewater Hall** – an international concert venue, home to the Hallé orchestra



## NATURE

It's easy to get back to nature in Manchester, with a range of green spaces, large and small, on your doorstep. You're also just a short train ride away from glorious national parks.

### Micah's tip: Heaton Park

It's surprising how much greenery is near to the city and how much wildlife there is! In bigger parks like Heaton Park you get to see foxes and different types of birds. It's nice to take time out and relax.

Micah See, BSc Materials Science and Engineering

### Our five top tips:

- 1 **Fletcher Moss** – botanical gardens in nearby Didsbury
- 2 **Whitworth Park** – a green space adjacent to the University's art gallery
- 3 **Platt Fields** – a huge park on our doorstep in Fallowfield
- 4 **Jodrell Bank Discovery Centre Gardens** – 35 acres of nature at our Cheshire observatory
- 5 **Peak District** – take a train out to discover this national park



## FOOD AND DRINK

Regardless of your budget, taste or appetite, you'll find plenty to satisfy you among Manchester's culinary scene.

### Tasnim's pick: Mackie Mayor

Mackie Mayor is a huge food hall with independent traders that feels very homely and welcoming. I enjoy the fact that there are different foods on offer from breakfast to lunch, perfect for a snack or a full meal. The Grade II-listed, semi-industrial setting provides a great vibe.

Tasnim Ahmed, BNurs Adult Nursing

### Our five top tips:

- 1 **Bundobust** – veggie-friendly Indian street food
- 2 **Levenshulme Market** – countless food options at this weekly gathering
- 3 **Rudy's Pizza** – Neapolitan pizza in the Ancoats neighbourhood
- 4 **Grub** – a street-food paradise among the railway arches of Piccadilly
- 5 **Panchos** – authentic burritos just a stroll from campus



# THE UK'S BEST CITY TO LIVE IN\*

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

  
**45 minutes**  
from Liverpool and Leeds

**1.5 hours**  
from the Lake District

  
**1.5 hours**  
from York

**2 hours**  
from London



\*Global Liveability Survey 2017 – Economist Intelligence Unit  
\*\*QS Best Student Cities 2017

  
**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

# ENGLISH LANGUAGE REQUIREMENTS AND SUPPORT

**A**s you'd expect from one of the best universities in the world, you'll need a high standard of English to study with us.

You will need evidence of English language proficiency in order to meet both the requirements of the Tier 4 (student) visa and our 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.*

## University Language Centre

Our University Language Centre (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)

# 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.

Arts-based courses	£18,500
Science-based courses	£23,000
Clinical-based courses	£40,000

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

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

Estimated living costs 2017/18		
Costs	UG year (41 weeks)	Weekly cost (based on 41 weeks)
Accommodation (self-catered)*	£5,078**	£123.86
Meals (excluding meals out)	£1,558	£38
Clothes	£400	
Local transport (does not include travel home)	£383	£8 for a weekly bus pass
Other (eg books, educational visits, equipment, mobile phone bill, socialising, laundry, photocopying and printing)	£2,050	£50
<b>TOTAL</b>	<b>£9,469</b>	

\*For catered accommodation (breakfast and an evening meal on weekdays), add approximately £900 to the total.

\*\*Self-catered accommodation at The University of Manchester can range in price from £3,915 to £6,099 a year.

## 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, which is provided via Wi-Fi or cabled connection.

## 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:

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

## 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



Every great journey starts with a first step – and we'll help you to make it. Find out how to apply to The University of Manchester, and access all the information you need in order to get here.

## Entry requirements

General entry requirements, outlined as A-level and International Baccalaureate requirements, are included in the course directory in this prospectus (see p116). 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/ugcourses](http://www.manchester.ac.uk/ugcourses)

## International qualifications

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

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

If your country is not listed, or if you'd like to check a qualification level, then 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 p42.

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 p116.

## 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 2019, you can submit your application from 1 September 2018). We advise early application, as some courses become full; consider applying by the UCAS deadline of 15 January 2019 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 2019. 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 2019 is 15 October 2018.

## 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 as to 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/countries](http://www.manchester.ac.uk/countries)

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

## Find out more

[www.manchester.ac.uk/international-admissions](http://www.manchester.ac.uk/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 (p116) for all listings and UCAS codes.

## Up-to-date course information

This prospectus was printed in May 2018 for the purposes of the 2019 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/ugcourses](http://www.manchester.ac.uk/ugcourses)

Here, you can also find further information describing the teaching, examination, assessment and other educational services offered by The University of Manchester.

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 at The University of Manchester.

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

## ACCOUNTING AND FINANCE

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**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 and Management; Economic and Social Studies; Economics.*

Some programmes offer the opportunity for:

 study abroad

 industrial placements

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, in partnership with the Institute of Chartered Accountants in England and Wales (ICAEW). You can apply for a work placement in your penultimate year and gain significant exemptions from professional accountancy exams,

enabling you to fast-track to qualified chartered accountancy status.

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

## WHAT YOU STUDY

### Accounting BSc

Run by Alliance Manchester Business School (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.

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

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

## SKILLS AND JOB OPPORTUNITIES

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, internal auditors, risk analysts and tax advisors.

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.

## WHY MANCHESTER?

Ranked 4th in the UK and 22nd in the world for business and economics (THE World University Rankings 2016/17)

90% of our BSc Accounting graduates are in employment or further study within six months (Unistats 2018)

Strong links with the three main accounting bodies – ICAEW, CIMA and ACCA

Work on real-world projects for organisations such as Government departments, KPMG, Scottish Government, HMRC and PwC

## Ask a question

### ALLIANCE MBS

 +44 (0)161 306 3425 / 3095

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

### SCHOOL OF SOCIAL SCIENCES

 +44 (0)161 275 1473 / 4748

 [socialsciences@manchester.ac.uk](mailto:socialsciences@manchester.ac.uk)

## 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)

 @mbsnews

 /manchestermbs

 @lifeatmbs

### SCHOOL OF SOCIAL SCIENCES

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

 @ManUniEconomics

# AEROSPACE ENGINEERING

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**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

*You might also be interested in Civil Engineering; Electrical, Electronic and Mechatronic Engineering; Mechanical Engineering; Engineering or Science with an Integrated Foundation Year.*

Some programmes offer the opportunity for:

 study abroad

 industrial placements

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-aircraft, gliders, fixed wing airplanes and jets, autogyros and helicopters, as well as astronautical 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.

## WHY MANCHESTER?

All courses are 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

## Ask a question

 +44 (0)161 306 9210

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

## Find out more

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

 @MACEAdmissions

 /UoMMACE

# AMERICAN STUDIES

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

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

**American Studies BA 3yrs\***  
UCAS code T701

**American Studies BA 4yrs**  
UCAS code T702

**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)*

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

Some programmes offer the opportunity for:

 study abroad

 study with another language

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

Our courses cover a wide variety of disciplines and are designed to meet the needs of our students, offering

increased flexibility to pursue specific fields of interest as the course progresses – something reflected in our continually high student satisfaction ratings.

## WHAT YOU STUDY

**Year 1:** Core course units provide an introduction into interdisciplinary forms of scholarship, including the field of American Studies. You'll also explore American literature, US 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 also familiarise you with more recent social and political debates.

**Year 2:** Your second year comprises one core module, which looks at African-American culture from the 17th century to the present, and is intended to allow you to work in an interdisciplinary manner. 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 areas such as American film studies, aspects of American political culture, and American literature and social criticism.

You can also apply to study abroad for one semester at one of our North American or European partner universities.

**Year 3:** Enjoy greater independence in the selection of course units. Topics span subjects as diverse as: Beat Writing, Hip-hop and Hollywood, The History of California, Harlem and State of Urban America, Love American Style, and American Slavery. A key component of your final year is the extended essay, or dissertation, on a subject of your choice and written under the supervision of an expert in your chosen field.

**American Studies 4 year course:** Students on the four-year programme will spend their third year at one of our partner institutions in North America or Europe.

## 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'll also possess good communication skills and the ability to work and think independently, as well as 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 also prove attractive to charities, organisations, and multinational businesses operating in the US. In recent years, graduates of our programme have taken up positions in journalism, media production, teaching and academia, business, law, the civil service, and public relations.

## WHY MANCHESTER?

Ranked among the top American Studies programmes in the UK (The Guardian and Complete University Guide 2018)

100% student satisfaction for American Studies in the 2016 National Student Survey

You can also apply to study abroad for one semester at one of our North American or European partner universities

## Ask a question

 +44 (0)161 275 3107

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

## Find out more

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

 @UoMSALC

 /UoMSALC

## ARABIC AND MIDDLE EASTERN STUDIES

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

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

### Arabic Studies BA 4yrs\*

UCAS code T624

### Arabic and a Modern European Language BA 4yrs

UCAS code RT81

### English Language and Arabic BA 4yrs

UCAS code QT34

### Film Studies and Arabic BA 4yrs

UCAS code PT44

### Film Studies and Middle Eastern Studies 3yrs

UCAS code PT55

### 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)*

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

Some programmes offer the opportunity for:

 study abroad

 study with another language

## WHAT YOU STUDY

You'll explore the history, religions, culture, politics and peoples of the Middle East and North Africa, gaining an

in-depth understanding of a broad and complex region of central importance to the contemporary world.

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

For course information relating to Arabic language studies and related joint courses, please refer to the Modern Languages section on p94.

## 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, you'll be encouraged, through our problem-based approach to learning, to think critically, creatively and independently. Meanwhile, interdisciplinary studies will provide you with a broad perspective on issues both current and past.

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

### Ask a question

 +44 (0)161 275 3211

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

### Find out more

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

 @UoMSALC

 /UoMSALC

## WHY MANCHESTER?

We're one of the top ten Middle Eastern Studies departments in the UK (The Complete University Guide 2018)

We're one of the top five modern languages departments in the UK (QS World University Ranking 2017)

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

## ARCHAEOLOGY

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 7.0 overall; no less than 7.0 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 3yrs

UCAS code VV30

### Film Studies and Archaeology

UCAS code PV40

*\*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.*

Some programmes offer the opportunity for:

 study abroad

 study with another language

Combining insights from humanities and science, archaeology offers you the opportunity to explore and interpret past humanity, from the origins of modern humans to the impact of industrialisation and globalisation. You'll consider the challenges we face in modern society – from climate change to complex societies.

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.

Our course content evolves in line with our new discoveries and emerging research, and you'll learn by combining academic study with hands-on discovery. Fieldwork training is an integral part of our course in all years; 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 Cyprus, Jersey, Scotland, Herefordshire and Yorkshire.

Our teaching is outstanding. We scored 100% in Archaeology in the National Student Survey 2016 – and have won the University's prestigious annual Teaching Excellence Awards from 2014 to 2017.

## WHAT YOU STUDY

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

**Year 1:** Establish a core grounding in archaeology through compulsory course units: Discoveries and Discoverers, Understanding the Past: Human Stories through Science and Doing Archaeology I. You'll also be able to choose between The Story of Britain or The Making of the Mediterranean World, depending on your interests, with two free choice units, allowing you to tailor your course with subjects ranging from Living and Dying in the Ancient World, to modules in ancient history, history or art history. Your first year study will be enriched by two weeks of hands-on fieldwork in the summer, as well as fieldtrips in term-time.

**Year 2:** Pursue specific areas of interest or expertise. Core units include People Behind the Patterns and the Theory and Philosophy of Archaeology, with Material Worlds: objects, architecture and landscape and Doing Archaeology 2, continuing to develop your professional skills. Optional units range from The Emergence of Civilisations: Minoan Crete, to Origins and Transformations: Upper Palaeolithic and Mesolithic

Europe, Neolithic Britain, The Archaeology of Ritual, Empire and Industry. You'll also undertake directed research of your choice via our Long Essay course unit, as well as two further weeks of fieldwork in a location of your choice.

**Year 3:** Apply your research skills and specific areas of interest in your Dissertation, complementing your core course units: Why the Past Matters and Artefacts and Interpretation. Fieldtrips and visits to museums and new exhibitions continue to enrich your understanding of the topic.

As a Joint Honours student you'll follow an equal portfolio of course units across your two subject areas in all years, benefiting from the full breadth of expertise and choice in both departments. By your second and third year, your independent research projects enable you to follow your own interests to develop an area of expertise in one subject area.

## SKILLS AND JOB OPPORTUNITIES

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

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

## WHY MANCHESTER?

Unique hands-on teaching resources: Manchester Museum, the Whitworth, John Rylands Library and the Archaeology department collection

Subsidised global fieldwork opportunities during four weeks of placement

Gain scientific knowledge and insight into multiple humanities subjects, including history, anthropology, classics and geography, all within a single degree subject

### Ask a question

+44 (0)161 306 1252

ug-archae@manchester.ac.uk

### Find out more

www.manchester.ac.uk/archaeology

@UoMARCHaeology

## ARCHITECTURE

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our 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

*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.

Manchester School of Architecture is an innovative collaboration between The University of Manchester and Manchester Metropolitan University. We bring together academic and professional practice in the city-region with strong international networks, providing excellent collaborative opportunities at a global level.

## WHAT YOU STUDY

**Year 1:** Gain an understanding of contemporary architectural practice. The year covers foundational principles in space-making, material expression, brief-writing, contextual research, and the role of humanities in the design process. A series of studio design projects and skills workshops

will develop your architectural creative process and the year culminates with events jointly undertaken with second and fifth year students.

**Year 2:** 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 into the techno-cultural strategies used by professionals. You'll develop an increased awareness of architecture in a variety of contexts and improve your design processes and critical thinking skills.

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

## SKILLS AND JOB OPPORTUNITIES

To qualify as an architect in the UK normally requires a combination of five years' study at university and a minimum of two years' practical experience before completing a final examination. The BA Architecture is recognised as a Part 1 qualification by the Architects Registration Board and the Royal Institute of British Architects.

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, art and design, and web design.

### Ask a question

+44 (0)161 275 0969

ug-architecture-admissions@manchester.ac.uk

## WHY MANCHESTER?

Manchester School of Architecture is ranked 7th in the world and 2nd in the UK (QS 2018 World University Rankings)

New architecture studios, workshop and model-making spaces, plus industry standard computer-aided design software

Strong links with leading architectural practices who attend our end of year shows

### Find out more

www.manchester.ac.uk/architecture

@TheMSArch

## BIOLOGICAL AND BIOMEDICAL SCIENCES

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our 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

**Cognitive Neuroscience and Psychology MSci 4yrs**  
UCAS code BC20

**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

**Medical Physiology BSc 3yrs**  
UCAS code B120

**Medical Physiology MSci 4yrs**  
UCAS code 3A48

**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

**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.*

Some programmes offer the opportunity for:

✈️ study abroad

👜 industrial placements

🗨️ study with another language

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.

## WHY MANCHESTER?

Flexible degrees that allow you to switch between courses

Excellent facilities, including a recent £3 million refurbishment of our anatomy teaching facilities

Field courses in Europe, Central America and South America

### Ask a question

+44 (0)161 275 5032

ug.biosciences@manchester.ac.uk

### Find out more

www.manchester.ac.uk/bmh

@FBMH\_UoM

@FBMH\_UoM

/FBMHManchester

@ManchesterFBMH

## BIOSCIENCES WITH AN INTEGRATED FOUNDATION YEAR

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

IELTS score: 6.5 overall.

### Biosciences with a Foundation Year 4/5yrs

UCAS code C900

You might also be interested in *Biosciences; Optometry*.

Some programmes offer the opportunity for:

✈️ *study abroad*

📁 *industrial placements*

If you want to enter one of our biological or biomedical sciences degree courses, but do not have the appropriate entry qualifications (eg if you have studied arts, languages or social sciences at A-level), this course is for you. You'll gain the academic background in biology, chemistry and mathematics that will prepare you for degree-level study in these areas. Successful completion of the foundation year gives you direct entry on to any of our three or four-year courses, except those with a modern language, which would require the relevant language qualification.

Most of the foundation year is taught by experienced staff at Xaverian College, located about 1km south of our main University campus. We also provide a complementary programme of tutorials, seminars and laboratory practicals on our campus.

## 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

### Ask a question

+44 (0)161 275 5032

ug.biosciences@manchester.ac.uk

### Find out more

www.manchester.ac.uk/bmh

@FBMH\_UoM

## BUSINESS AND MANAGEMENT

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

IELTS score: 6.5 overall; no less than 6.0 in any component.

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

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

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

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

**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

You might also be interested in *Accounting and Finance; Computer Science; Economic and Social Studies; Management, Leadership and Leisure*.

Some programmes offer the opportunity for:

✈️ *study abroad*

📁 *industrial placements*

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

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

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

## WHAT YOU STUDY

### Information Technology Management for Business BSc

Designed in collaboration with more than 60 major employers (including IBM, Deloitte, Fujitsu, Unilever and the BBC) to produce graduates who understand both business and IT, and have excellent project management and team-working skills. Employer involvement is integral, giving you early exposure to real business problems. Offered with an optional work placement year.

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.

NB. In light of rapid development in the application of technology in business and the growth of the digital economy, we are currently developing the content of this programme. Please see our website for the most up-to-date information.

### International Business, Finance and Economics BSc

Ideal for those interested in contemporary economic events

and also offered with an optional work placement year. 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.

### International Management (IM) BSc and International Management with American Business Studies (IMABS) BSc

Gain first-hand knowledge of another culture, increasingly valuable in business. You'll spend a full academic year abroad studying at a top global business school or university in Europe, South-East Asia, Australia, or New Zealand (for those opting for IM), or the US or Canada (for those opting for IMABS). 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)

### Management BSc and Management (Specialisms) BSc

Enjoy a flexible course structure and wide range of options on our general management degrees, which include an optional work placement year.

The first year is the same across all of the Management (Specialisms), making transfer between the different courses straightforward. For this reason, you should only apply for one of them.

### Management (Accounting and Finance) BSc

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

### Management (Human Resources) BSc

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) BSc

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

### Management (International Business Economics) BSc

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

### Management (Marketing) BSc

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

### Management (Sustainable and Ethical Business) BSc

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

## SKILLS AND JOB OPPORTUNITIES

Our 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 assistant brand manager, audit associate, commercial strategist, export manager, IT consultant, media consultant, territory manager and wealth management analyst. Others have pursued further study in business economics, enterprise,

languages and branding at institutions across the globe.

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

## WHY MANCHESTER?

Study at Alliance Manchester Business School - a 'triple-crown' school accredited by AMBA, EQUIS and AACSB

Ranked 4th in the UK and 22nd in the world for business and economics (THE World University Rankings 2017)

Ranked 2nd in the UK for business and management research power (REF 2014)

Degree courses at Alliance MBS offer the opportunity for either a work placement or international exchange

### Ask a question

ALLIANCE MBS

+44 (0)161 306 3425 / 3095

ug.amb@manchester.ac.uk

### 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)

@mbsnews

/manchestermbs

@lifeatmbs

## CHEMICAL ENGINEERING

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

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

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.*

Some programmes offer the opportunity for:

 study abroad

 industrial placements

 study with another language

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.

## 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

### Ask a question

+44 (0)161 306 5984

ug-ceas@manchester.ac.uk

### Find out more

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

@ChemEngManUni

## CHEMISTRY

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**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

*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.*

Some programmes offer the opportunity for:

 study abroad

 industrial placements

 study with another language

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 and pharmaceutical industry – one of the UK's major export earners and manufacturing sectors – continues to grow.

Manchester is currently one of the top universities in 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.

## WHY MANCHESTER?

Modern chemistry started in Manchester with John Dalton's atomic theory and we've produced seven Nobel Prize winners

83% of our recent graduates went on to graduate-level jobs or further study within six months of leaving their course

Fourth university in the UK in the 2017 QS World Rankings for chemistry

### Ask a question

+44 (0)161 306 9271

ug.chemistry@manchester.ac.uk

### Find out more

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

@UoMChemistry

/ChemistryUoM

UoMChemistry

<http://bit.ly/2yqFyOm>

## CHINESE STUDIES

For details on Chinese Studies, see *Modern Languages*.

We also offer Joint Honours degrees featuring Chinese in combination with another modern language, Film Studies, 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

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 6.0 overall; no less than 5.5 in any component.

### Civil Engineering BEng 3yrs

UCAS code H200

### Civil Engineering MEng 4yrs

UCAS code H201

### Civil and Structural Engineering MEng 4yrs

UCAS code H220

### Civil Engineering (Enterprise) MEng 4yrs

UCAS code H204

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

Some programmes offer the opportunity for:

 study abroad

 industrial placements

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.

## 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

## Ask a question

+44 (0)161 306 9210

ug-mace@manchester.ac.uk

## Find out more

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

@MACEAdmissions

/UoMMACE

## CLASSICS AND ANCIENT HISTORY

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

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

### Ancient History BA 3yrs\*

UCAS code V110

### Classical Studies BA 3yrs\*

UCAS code Q810

### Classics BA 3yrs

UCAS code Q800

### Latin and English Literature BA 3yrs

UCAS code QQ36

### Latin and Italian BA 4yrs

UCAS code QR63

### Latin and Linguistics BA 3yrs

UCAS code QQ61

### Latin and Spanish BA 4yrs

UCAS code QR64

### Latin and French BA 4yrs

UCAS code Q6R1

### Ancient History and History BA 3yrs

UCAS code VV50

*\*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)*

*For Ancient History and Archaeology BA, please see Archaeology.*

*You might also be interested in Archaeology; History; History of Art and Visual Studies; Modern Languages.*

Some programmes offer the opportunity for:

 study abroad

 study with another language

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 which have been so inspirational in 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'll have the opportunity to study ancient languages, enabling you to explore texts and literature in their original form.

## WHAT YOU STUDY

Our degrees provide a solid grounding in core areas of study and also give you opportunities to explore new areas of interest or specialism as the course progresses.

### Ancient History

Explore the Greek and 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.

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

Joint Honours students take an equal portfolio of course units across your two subject areas in your first year. You can then weight both subjects according to your interests in your second and third year.

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

For course units relating to Joint Honours subject combinations, please refer to the online course listing at [www.manchester.ac.uk/undergraduate](http://www.manchester.ac.uk/undergraduate)

## SKILLS AND JOB OPPORTUNITIES

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

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

## WHY MANCHESTER?

97% of BA Ancient History students said that they were satisfied with the overall quality of their course (2016 National Student Survey)

Resources specific to classics and ancient history, include the outstanding holdings of the University Library, The John Rylands Library and Manchester Museum

Explore a wide range of topics and approaches through our extensive course module selection

## Ask a question

+44 (0)161 306 1252

ug-classics@manchester.ac.uk

## Find out more

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

@clah\_mcr

/Clah.Manchester

## COMPUTER SCIENCE

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 6.5 overall; no less than 6.0 in any component.

### 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

*You might also be interested in Business and Management; Electrical, Electronic and Mechatronic Engineering; Mathematics; Physics and Astronomy.*

Opportunities for:

 industrial placements

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

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

## WHAT YOU STUDY

### Single Honours

**Year 1:** Gain a thorough grounding in computing and mathematical techniques for computer science, including object-oriented programming, computer engineering, artificial intelligence, computer architecture and data science. 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, distributed systems and imperative programming, alongside advanced, specialised computer science units such as computer graphics, 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.

### Joint Honours courses

#### Computer Science and Mathematics

You'll gain knowledge and understanding of important

mathematical ideas; combined with core computer science topics of programming and software engineering; and study the mathematical principles underpinning the foundations of computing.

### Computer Science with Business and Management

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

## SKILLS AND JOB OPPORTUNITIES

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

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

## WHY MANCHESTER?

85% of graduates in a professional or managerial job six months after graduating (100% for those who undertook a year in industry)

92% student satisfaction, National Student Survey (NSS) 2017

World's first stored-program computer developed here in 1948

### Ask a question

+44 (0)161 275 6124

ug-compsci@manchester.ac.uk

### Find out more

www.manchester.ac.uk/cs

@csmcr

/computersciencemcr

@uomcompsci

@csmcr

## CRIMINOLOGY

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

## DENTISTRY

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 7.0 overall; no less than 6.5 in any component.

### Dentistry

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

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

### Oral Health Sciences

**Oral Health Science BSc 3yrs**  
UCAS code B840

#### Opportunities for:

industrial placements

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 practice 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.

If you are an international applicant studying for a qualification that is not suitable for direct entry to our five-year Dentistry programme, then our International Foundation Year is designed to prepare you for future dental study. This intensive, one-year course is taught by academic staff from the University and Xavarian College, and will help you to develop the knowledge and skills required to succeed as a future dental student.

The course uses mixed learning methods, but the key Manchester approach is the study of themed case discussions through facilitated group activities to emphasise enquiry, discussion, self-education, and the development of critical thinking and communication skills - all of which are essential skills for dentists. During the Foundation Year you will have the opportunity to apply to study on our undergraduate (five-year) Dentistry BDS course, or a range of other relevant degree programmes at the University.

## 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.

## 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

## Ask a question

+44 (0)161 306 0231

ug-dentistry@manchester.ac.uk

## Find out more

www.bmh.manchester.ac.uk/dentistry

@FBMH\_UoM

/FBMHManchester

@FBMH\_UoM

@ManchesterFBMH

## DRAMA

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 7.0 overall; no less than 7.0 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

*\*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)*

*For Music and Drama BA, please see Music.*

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

Some programmes offer the opportunity for:

 study abroad

 study with another language

Drama at Manchester has a worldwide reputation for quality, and is ranked in the top ten UK drama departments by the 2017 Sunday Times and Times Good University Guide.

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

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 the £25 million development HOME – the largest combined arts

centre outside London. As a student here you'll benefit from close links with the neighbouring Contact Theatre and the Royal Exchange Theatre.

Our comprehensive facilities include the Martin Harris Centre and The John Thaw Studio – our main 'lab' for exploring performance, rehearsals and workshops, fully equipped with sound-editing and video-editing suites. As well as course units in Theatre and Performance, Applied and Social Theatre and Screen Studies, you can also combine Drama with English Literature or Music.

## WHAT YOU STUDY

**Year 1:** Study core units in the theory and practice of drama, focusing on historical, critical, and formal analysis. You'll also cover practical, project-based course units that introduce you to aspects of devising, physical theatre, audiovisual technique and voice.

**Year 2:** As well as exploring drama practitioners in context – from modernism and the historical avant-gardes to contemporary theatres – you'll have the opportunity to shape your learning according to specific interests. We offer a wide range of study options, from Shakespeare and street theatre to transnational cinemas. You'll also have the opportunity to develop practical skills in creating theatre and film.

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

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

You'll learn through a range of lectures, seminars, tutorials, workshops and

practical group projects. For Single Honours students, at least one-third of your course units in each year will have a practical element.

For course units relating to Joint Honours subject combinations, please refer to the online course listing at [www.manchester.ac.uk/undergraduate](http://www.manchester.ac.uk/undergraduate)

## SKILLS AND JOB OPPORTUNITIES

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

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

In the 2016 National Student Survey 90% of our Drama students said that they were satisfied with the quality of their courses.

## WHY MANCHESTER?

£6 million investment in our John Thaw Studio, a purpose-built theatre with excellent facilities staffed by professional technicians

94% of our BA Drama and English Literature students are satisfied with the overall quality of their course (National Student Survey 2016)

Spend a semester studying in Australia or the US at one of our dedicated partner universities

## Ask a question

+44 (0)161 275 4987

ug-drama@manchester.ac.uk

## Find out more

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

@UoMSALC

/UoMSALC

## EARTH AND PLANETARY SCIENCE

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 6.5, with not less than 6.0 in any component.

### Earth and Planetary Science BSc 3yrs

UCAS code F701

### Earth and Planetary Science MEarthSci 4yrs

UCAS code F702

### With pathways specialising in:

- Geology
- Planetary Science
- Geochemistry
- Resources
- Geology with Physical Geography
- Earth Surface Processes
- Palaeobiology
- Atmospheric Science

*You might also be interested in Environmental Science; Geography.*

Some programmes offer the opportunity for:

 study abroad

 industrial placements

The Earth is a dynamic natural system that has evolved as a result of physical and chemical reactions which have influenced the growth and demise of ecosystems for over 4.5 billion years. It continues to evolve both naturally and as a result of the impact of humans.

Earth Science is at the core of our everyday lives. The Earth's crust and atmosphere support our water and energy needs whilst mineral resources supply the raw materials necessary for the success of many industries, including transportation, communication systems, chemicals and pharmaceuticals.

A degree in Earth and Planetary Sciences at Manchester is focused on

understanding Earth systems in order to learn from the past, understand the present and influence the future. As Earth Science is at the cross-roads of the natural sciences, it provides an alternative to a single honours degree in maths, physics, chemistry, geography or biology.

The reputation of Earth and Planetary Sciences at Manchester's School of Earth and Environmental Sciences rests on our world-leading inter-disciplinary research into processes operating on, within and beyond the Earth, incorporating biological, chemical, physical and environmental aspects of the world and solar system we live in. Our staff and students work within a global network of researchers and institutes, and we encourage students to take up the opportunities this presents. Our size and research strengths allow us to offer you a number of specialised pathways within the Earth and Planetary Science degree programme, taught by internationally recognised staff with expertise across the earth and environmental sciences.

State-of-the-art teaching facilities include a dedicated undergraduate community space within the School, computing facilities with industry-standard software and undergraduate research laboratories. You will experience a strong and cohesive student network with a vibrant student society and student chapters of professional organisations.

## WHAT YOU STUDY

Our Earth and Planetary science degree covers all major aspects of the earth system. The degree has a common first year, allowing you to keep your options open. In Years 2 and 3 you will follow your choice of pathway, specialising in geology, planetary science, geochemistry, resources, physical geography, earth surface processes, palaeobiology or atmospheric science. Each pathway is defined by a core of knowledge and a choice of optional units.

### Year 1

This year will focus on understanding the evolution of the Earth in terms of its atmosphere, biosphere and geosphere. During this year you will gain a thorough grounding in the physical, chemical and biological processes that have shaped the Earth and other planets

through geological time. You will also be introduced to the key observational, laboratory and field skills that you will need as an Earth Scientist.

### Year 2

Tailor your studies to your own academic interests by choosing a package of units to allow you to focus on a particular aspect of the earth and planetary sciences.

**Geology:** the physical evolution of the Earth over geological time, as reconstructed from the rock and fossil record.

**Planetary Science:** 'comparative planetology' - understanding the Earth in terms of the other planetary systems.

**Geochemistry:** the chemistry of the Earth and other planets.

**Resources:** the formation of natural resources and their sustainable and efficient exploration and extraction.

**Geology with Physical Geography:** processes that occur on the Earth's surface and how humans and societies have learned to exploit and protect themselves from these phenomena. This pathway allows you to choose units taught by Geographers from the School of the Environment and Development.

**Earth Surface Processes:** focuses on the last 2.6 million years of Earth's history (ie the Quaternary), and predictions of, and future planning for, environmental change.

**Palaeobiology:** Earth life systems, their interplay over geological time, and the construction of the modern biosphere.

**Atmospheric Science:** the atmosphere and its relationship to the earth system, over a range of temporal and spatial scales, from weather forecasting and urban air quality to climate change.

Alternatively, you can follow a broad degree programme by choosing units from across the pathways to create an individually tailored academic experience.

### Year 3

This year may include study abroad or industrial experience depending on your choice of degree. If it is your final year on the BSc then you will undertake your final year research project and study advanced units on your chosen pathway.

## Year 4 (MEarth Sci)

Carry out an extended individual research project working alongside world-leading scientists using state-of-the-art research facilities, study subject-related units, and attend specialist lectures.

Throughout your degree programme, you will learn through formal lectures, laboratory classes, field classes and small-group tutorials. Two-thirds of the contact time is focused on the development of practical skills. Teamwork, problem-solving and fieldwork play a key role in integrating all the elements of the subject, and will also develop transferable skills for geological and non-geological careers.

## SKILLS AND JOB OPPORTUNITIES

Our graduates are in strong demand across a diverse range of careers due to their grounding in the fundamental sciences (maths, physics, chemistry, biology), their ability to synthesise novel arguments through integration of information from diverse disciplines and their capacity to conceptualise across a range of spatial and temporal scales. They can work independently or in teams of people from diverse backgrounds, and they have an excellent aptitude for communicating across discipline boundaries, to specialists and non-specialists.

Our graduates have a multidisciplinary, quantitative understanding of the Earth and its systems and about 45% get a first job directly using their knowledge of the earth sciences, working in the international environment with excellent opportunities for global travel in oil, mining, engineering, space science, water, the environmental fields, and information technology. 25% go on to a further degree either in the UK or overseas and the remaining 30% choose diverse careers such as finance, teaching, construction industries, planning, law, media, and medicine/health care.

### Ask a question

+44 (0)161 275 0776

ug-earth-sci@manchester.ac.uk

## WHY MANCHESTER?

85% of our students rank our programmes as intellectually stimulating with the opportunity to explore information and ideas in depth (based on National Student Survey, 2016)

School placed in the top 10 of UK universities for employability in the Times Higher Education Global University Employability Ranking 2016

No additional charges for core field courses - all costs covered by tuition fees. UK and overseas field courses run in every year of study

Degree pathways accredited with recognised professional bodies eg Geological Society of London

Excellent links and partnerships with a range of industrial partners

"Manchester is a great place to study geology. The staff are all professional, approachable and very friendly. The open-door policy within the School of Earth and Environmental Sciences is a fantastic service and I have always received helpful and constructive advice."

Ed Thomas, MEarthSci Earth Sciences and current PhD student

### Find out more

www.manchester.ac.uk/sees

@UoMSEES

/manchestersees

## ECONOMIC AND SOCIAL STUDIES (BAECON)

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

IELTS score: 6.5 overall; no less than 6.0 in any component.

Accounting and Finance BAEcon 3yrs  
UCAS code NN43

Development Studies BAEcon 3yrs  
UCAS code L900

Development Studies & Social Statistics BAEcon 3 yrs  
UCAS code LL14

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 & Social Statistics BAEcon 3 yrs  
UCAS code LL15

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.

You might also be interested in Accounting and Finance; Business Studies and Management; Economics; Philosophy; Politics and International Relations; Social Sciences; Sociology.

Some programmes offer the opportunity for:

✈️ study abroad

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
- Economics
- Philosophy
- Politics and International Relations
- 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.

## 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 BA Econ is Manchester's longest-running degree course

### Ask a question

+44 (0)161 275 1473 / 4748

socialsciences@manchester.ac.uk

### Find out more

www.manchester.ac.uk/socialsciences

@ManUniEconomics

## ECONOMICS

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 6.5 overall; no less than 6.0 in any component.

**Economics BSc 3yrs**  
UCAS code L102

You might also be interested in *Accounting and Finance; Business Studies and Management; Philosophy; Politics and International Relations; Social Sciences.*

Some programmes offer the opportunity for:

 study abroad

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 abroad (optional):** Study your subject at one of our international partner universities.

**Final year:** 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.

## WHY MANCHESTER?

85% of our graduates work in a professional or managerial role six months after graduation (Unistats 2017)

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

Chance to study abroad for a year at one of our partner universities

### Ask a question

+44 (0)161 275 1473 / 4748

socialsciences@manchester.ac.uk

### Find out more

www.manchester.ac.uk/socialsciences

@ManUniEconomics

## EDUCATION

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**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

**Educational Psychology BSc 3yrs**  
UCAS code C812

You might also be interested in *Linguistics and English Language; Psychology.*

**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.

**Educational Psychology**

Explore the key principles and issues underpinning educational psychology, 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 Educational Psychology 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.

## WHY MANCHESTER?

Work-based placements will enhance your employability

Close staff-student relationships, small-group teaching and one-to-one guided supervision

Degrees providing an excellent grounding for a career in teaching

### Ask a question

+44 (0)161 275 0969

ug-mie-admissions@manchester.ac.uk

### Find out more

www.manchester.ac.uk/education

@ELE\_UoM

/ELEUoM

# ELECTRICAL, ELECTRONIC AND MECHATRONIC ENGINEERING

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**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

*You might also be interested in Aerospace Engineering; Civil Engineering; Computer Science; Engineering or Science with an Integrated Foundation Year; Mathematics; Mechanical Engineering; Physics and Astronomy.*

### Opportunities for:

 *industrial placements*

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, Delica).

## 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 and the Institution of Measurements and Control**

## Ask a question

 +44 (0)161 306 4700

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

## Find out more

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

 @eeemanchester

# 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*
- *Computer Systems Engineering*
- *Electrical, Electronic and Mechatronic Engineering*
- *Mechanical Engineering*
- *Materials Science and Engineering*
- *Software Engineering*

# ENGINEERING OR SCIENCE WITH AN INTEGRATED FOUNDATION YEAR

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 6.0 overall; no less than 5.5 in any component.

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

UCAS code H108

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

UCAS code F008

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

### 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.

## 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

### Ask a question

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

### Find out more

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

## ENGLISH LITERATURE AND CREATIVE WRITING

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

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

**English Literature BA 3yrs\***  
UCAS code Q320

**English Literature with Creative Writing BA 3yrs**  
UCAS code Q3W8

**English Literature and American Studies BA 3yrs**  
UCAS code QT37

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

**English Language and English Literature BA 3yrs**  
UCAS code QQ10

**English Literature and History BA 3yrs**  
UCAS code QV31

**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

**Film Studies and English Literature BA 3yrs**  
UCAS code PQ32

**World Literatures BA 3yrs**  
UCAS code Q203

*\*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; History of Art and Visual Studies; Linguistics and English Language; Modern Languages.*

Some programmes offer the opportunity for:

✈️ *study abroad*

🗨️ *study with another language*

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

As well as giving you a detailed knowledge of English literature from the UK and across the globe, we'll train you to become an independent researcher, critical and creative thinker and persuasive writer. You can tailor your course to your individual skills and interests throughout your study, and specialise in fields such as film, popular song and new media.

You'll have access to the exclusive Special Collections of The John Rylands Library (part of our designated National Research Library), which include treasures such as Shakespeare's first folio and the original archives of Elizabeth Gaskell and Ted Hughes. The University is also home to the Centre for New Writing – a major hub for new writing excellence and home to award-winning teaching staff including Booker-shortlisted MJ Hyland and Jeanette Winterson.

## WHAT YOU STUDY

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

**Year 1:** Study core units including Reading Literature, Mapping the Medieval, Theory and Text, and Literature and History. Core units also include English Literature Tutorials, which is designed to assist 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:** Begin to carve your own specific pathway through key authors and themes. You'll select from a wide range of optional units spanning all periods including: Shakespeare; Writing, Identity and Nation; Gender, Sexuality and the Body; 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 the form of a long essay.

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

For course units relating to Joint Honours subject combinations, please refer to the online course listing at [www.manchester.ac.uk/undergraduate](http://www.manchester.ac.uk/undergraduate)

## SKILLS AND JOB OPPORTUNITIES

As well as developing a first-rate appreciation and understanding of English literature, you'll develop core transferable skills applicable to a host of different vocations. Critical thinking, independent research, creative problem-solving, persuasive written and oral communications, reflection, interpretation, textual analysis and critique play a key role in your learning.

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

## WHY MANCHESTER?

In the 2016 National Student Survey, 94% of our Drama and English Literature and 92% of our English Literature and American Studies students said that they were satisfied with the quality of their course

The Centre for New Writing hosts Literature Live, a public series which brings contemporary novelists and poets to the University

Access to the rich literary fabric of Manchester, including the Manchester Literature Festival, Chetham's Library, the International Anthony Burgess Foundation and Contact Theatre

**"What I enjoyed most about my course was the interaction between a great breadth of diverse and wonderful subjects, be they sociological, theoretical, psychological, economic or political. Not only did we analyse brilliant (and notable) literary and cultural texts, but we also studied their contextual significance through a critical lens."**

Maeve O'Sullivan,  
BA English Literature

### Ask a question

☎️ +44 (0)161 275 3107

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

### Find out more

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

🐦 @ECW\_UoM

## ENVIRONMENTAL SCIENCE

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

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

**Environmental Science BSc 3yrs**  
UCAS code F900

**Environmental Science MEnvSci 4yrs**  
UCAS code TBC

**With pathways specialising in:**  
**Environmental Science**

- **Sustainability and Conservation Biology**
- **Atmospheric Science**
- **Earth Surface Processes**

*You might also be interested in Earth and Planetary Science; Biosciences; Geography; Planning and Environmental Management.*

**Some programmes offer the opportunity for:**

-  *study abroad*
-  *industrial placements*

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 are interested in the broad field, but want to keep your study options open.

The reputation of Environmental Science at Manchester's School

of Earth and Environmental Sciences rests on our world-leading inter-disciplinary research into processes operating on, within and beyond the Earth, incorporating biological, chemical, physical and environmental aspects of the world and solar system we live in. Our staff and students work within a global network of researchers and institutes, and we encourage students to take up the opportunities this presents. Our size and research strengths allow us to offer you a number of specialised pathways within the Environmental Science degree programme, taught by internationally recognised staff with expertise across the earth and environmental sciences.

State-of-the-art teaching facilities include dedicated undergraduate community space within the School, computing facilities with industry-standard software and undergraduate research laboratories. You will experience a strong and cohesive student network with a vibrant student society and student chapters of professional organisations.

## WHAT YOU STUDY

Our Environmental Science degree covers all major aspects of the Earth's environment. The degree has a common first year, allowing you to keep your options open. In Years 2 and 3 you will follow your choice of pathway, specialising in environmental science, sustainability and conservation biology, atmospheric science or earth surface processes. Each pathway is defined by a core of knowledge and a choice of optional units.

### Year 1

This year will focus on understanding the evolution of the Earth's environment in terms of its atmosphere, biosphere and geosphere. During this year you will gain a thorough grounding in the physical, chemical and biological processes that have shaped the Earth and other planets in the present day and through geological time. You will also be introduced to the key observational, laboratory and field skills that you will need as an Environmental Scientist.

### Year 2

Tailor your studies to your own academic interests by choosing a package of units to allow you to focus on a particular aspect of the Earth's environmental system.

**Environmental Science:** focuses on present and future environmental challenges.

**Sustainability and Conservation Biology:** the diversity of life on Earth, how species interact and how human activities impact on natural systems.

**Atmospheric Science:** the atmosphere and its relationship to the earth system, over a range of temporal and spatial scales, from weather forecasting and urban air quality to climate change.

**Earth Surface Processes:** focuses on the last 2.6 million years of Earth's history (ie the Quaternary), and predictions of, and future planning for, environmental change.

### Year 3

This year may include study abroad or industrial experience depending on your choice of degree. If it is your final year on the BSc then you will undertake your final year research project and study advanced units on your chosen pathway.

### Year 4 (MEnvSci)

Carry out an extended individual research project working alongside world-leading scientists using state-of-the-art research facilities, study subject-related units, and attend specialist lectures.

Throughout your degree programme, you will learn through formal lectures, laboratory classes, field classes and small-group tutorials. Two-thirds of the contact time is focused on the development of practical skills. Teamwork, problem-solving and fieldwork play a key role in integrating all the elements of the subject, and will also develop transferable skills for environmental and non-environmental careers.

## SKILLS AND JOB OPPORTUNITIES

Our graduates are in strong demand across a diverse range of careers due to their grounding in the fundamental sciences (maths, physics, chemistry, biology), their ability to synthesise novel arguments through integration of information from diverse disciplines and their capacity to conceptualise across a range of spatial and temporal scales. They can work independently or in teams of people from diverse backgrounds, and they have an excellent aptitude for communicating across discipline boundaries, to specialists and non-specialists.

Our environmental science degrees lead to employment opportunities in commercial, industrial, government and educational sectors, as well as providing the foundation required for postgraduate study in environmental science and related science disciplines. Employment roles range from consultants and managers to scientists working in the field or laboratories.

## WHY MANCHESTER?

85% of students rank programmes as 'intellectually stimulating' and there are opportunities to explore information and ideas in depth (based on National Student Survey, 2016)

School placed in the top 10 of UK universities for employability in the Times Higher Education Global University Employability Ranking 2016

No additional charges for core field courses - all costs covered by tuition fees. UK and overseas field courses run in every year of study

Degree pathways accredited by the prestigious Committee of Environmental Sciences

Excellent links and partnerships with a range of industrial partners

**"Manchester has not only offered me an opportunity to take a scientific approach to environmental problems, but also to consider the ethical and humanistic side."**

**Theo Orjans,**  
BSc Environmental Science

### Ask a question

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

### Find out more

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

-  @UoMSEES
-  /manchestersees

## FASHION BUSINESS AND TECHNOLOGY

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 6.0 overall; no less than 5.5 in any component.

**Fashion Technology BSc 3yrs**  
UCAS code W245

**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.*

**Some programmes offer the opportunity for:**

-  *study abroad*
-  *industrial placements*

Our Fashion Business and Technology courses provide the ideal launch-pad for a successful career in the fast-paced, multi-million pound, global fashion industry. 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.

Our close links with industry tell us that Fashion Buyers, Marketers and Managers with a wide range of knowledge and skills are in high demand, so we've developed our courses to combine pure and applied management and marketing

subjects with textile science, product development and commercial design technology. This ensures that our graduates have a solid understanding of the international fashion supply chain and can communicate effectively at all levels within a business. Our courses therefore produce Managers, Marketers and Fashion Buyers who are able to respond innovatively to the challenges and opportunities of today's and tomorrow's global fashion industry.

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.

### WHY MANCHESTER?

All courses accredited by the Textile Institute and The Chartered Institute of Marketing

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

### Ask a question

+44 (0)161 306 4360

ug-materials@manchester.ac.uk

### Find out more

www.manchester.ac.uk/materials

## FILM STUDIES

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**Film Studies and Arabic BA**  
UCAS code PT44

**Film Studies and Archaeology BA**  
UCAS code PV40

**Film Studies and Chinese BA**  
UCAS code PT11

**Film Studies and East Asian Studies BA**  
UCAS code PT33

**Film Studies and English Language BA**  
UCAS code PQ22

**Film Studies and English Literature BA**  
UCAS code PQ32

**Film Studies and French BA**  
UCAS code PR10

**Film Studies and German BA**  
UCAS code PR20

**Film Studies and History BA**  
UCAS code PV10

**Film Studies and History of Art BA**  
UCAS code PV36

**Film Studies and Italian BA**  
UCAS code PR30

**Film Studies and Japanese BA**  
UCAS code PT22

**Film Studies and Linguistics BA**  
UCAS code PQ12

**Film Studies and Middle Eastern Studies BA**  
UCAS code PT55

**Film Studies and Portuguese BA**  
UCAS code PR50

**Film Studies and Russian BA**  
UCAS code PR70

**Film Studies and Spanish BA**  
UCAS code PR40

Some programmes offer the opportunity for:

 study abroad

 study with another language

The Film Studies Joint Honours programmes at Manchester enable you to develop your understanding of this powerful creative medium from a wide range of historical and theoretical perspectives alongside another subject area in the School of Arts, Languages and Cultures.

Working with award-winning teachers, you'll study mainstream and non-mainstream films, with a particular focus on questions of identity and representation.

Our specialist areas include documentary, fantasy and science fiction films, as well as American, British, French, German, Japanese, Spanish language and transnational Chinese cinemas.

As you enhance your skills of close analysis you'll also develop an understanding of how film engages with socio-cultural and political concerns, placing the films you study in their historical context, as well as thinking about current debates and future challenges for cinema as a medium.

Home to multiple film festivals and a thriving film culture that takes in grassroots community projects as well as international initiatives, Manchester is a dynamic place in which to study film.

## WHAT YOU STUDY

**Year 1:** In your first year, you'll take three core units that establish the conceptual building blocks of studying film (including cinematography, montage, mise-en-scene, music, the role of the director and star, as well as approaches to narrative and genre) and provide you with a thorough grounding in major developments in early and classical cinema before progressing into the various 'new wave' movements and trends in world cinema.

**Year 2:** In your second year, you'll take one core unit, which addresses how films relate to their surrounding culture and society. How have films perpetuated or subverted notions of gender, sexuality, national identity, ethnicity and class? You'll also be able to select from a range of optional

units covering a diverse mixture of eras and genres, including American, British, Chinese, French, German, Japanese or Spanish and Portuguese language cinema.

**Year 3:** By the time you reach your third and final year, you'll be able to select from and specialise in those areas of film that most interest you from the available units. The only requirement is that one of your course units should be on a form of non-Anglophone cinema in order to expand your knowledge beyond the mainstream, but you can continue to take units specialising in aspects of American and British cinema should you wish.

As a Joint Honours student you'll take an equal portfolio of course units across your two subject areas in each of your three years, benefiting from the breadth of expertise and choice in both departments.

You'll learn through a range of lectures, seminars, tutorials, workshops and group projects with the vast majority of our course units supported by a programme of relevant film screenings, taking advantage of cinema-standard digital projection facilities.

For course units relating to Joint Honours subject combinations, please refer to the online course listing at [www.manchester.ac.uk/undergraduate](http://www.manchester.ac.uk/undergraduate)

## SKILLS AND JOB OPPORTUNITIES

You'll enhance your audio-visual literacy, and learn to interpret and analyse films and their related texts (eg promotional trailers and posters) with a heightened socio-political and historical awareness; develop critical and analytical thinking and writing; and demonstrate a high level of transferable skills - especially in interpersonal communication, group work, leadership and creative problem-solving. Although the course emphasises historical and theoretical approaches to studying film rather than practical production modules, on certain units you'll work on creative projects that enable you to put theory into practice.

Popular career choices among our graduates include teaching and journalism; policymaking, programming and promotion in cultural practices; running applied film projects in schools, community groups and youth clubs; and production roles in TV, film and the media more broadly, as well as film education, distribution, exhibition and curation. Many of our graduates continue their studies to postgraduate level, and some take up a career in university teaching and research.

### WHY MANCHESTER?

Study with award-winning teachers committed to expanding your knowledge and experience of films from different eras, genres and cultures

Access guest talks and screenings from emerging and established visiting filmmakers

Spend a semester studying in Australia, Canada or the US at one of our dedicated partner universities

### Ask a question

+44 (0)161 275 6083

ug-drama@manchester.ac.uk

### Find out more

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

@UoMSALC

/UoMSALC

## 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, Film Studies, 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

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our 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

You might also be interested in *Earth Sciences and Geology; Environmental Science; Planning and Environmental Management*.

Some programmes offer the opportunity for:

 study abroad

Geography has been taught at Manchester for 125 years and due to our size and breadth of expertise, we can offer you an extensive choice of course units. 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 or laboratory classes.

We offer you the opportunity to undertake heavily subsidised fieldwork, starting with a three-day field trip to the Lake District prior to Welcome Week. 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.

## WHAT YOU STUDY

### Geography BA

Human geography is the study of human behaviour and impact on the earth. Are you predominately interested in economic, cultural, political, urban and historical geography?

### Geography BSc

Physical geography is the study of the natural processes of the earth. Are you predominately interested in ecology, hydrology, palaeo environments, geoarchaeology, glaciology, climatology and geomorphology?

Whether you select the BA or BSc, you can study a mixture of both human and physical geography modules. Both areas are covered in the first year and it is possible to swap from the BA to the BSc or from the BSc to the BA, if you find your interests take you in a new direction. Our students enjoy being able to mix the two interrelated areas, whilst specialising in the areas they are passionate about.

## SKILLS AND JOB OPPORTUNITIES

We equip you with the skills that employers value, such as initiative, flexibility, teamwork, communication, research skills, independence, problem-solving and time management. Our Geography Employability Programme draws on the expertise of the University's Careers Service and develops your skills within a geographical context, while helping you to prepare for job applications.

Graduates use geographical skills directly in careers in the environmental, regeneration and urban planning sectors. Others follow a less specialist path in areas such as project management, business development and finance. You could also undertake postgraduate study or vocational training.

### Ask a question

 +44 (0)161 275 0969

 ug-geography-admissions@manchester.ac.uk

### Find out more

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

 @geographyUOM

 /GeogUoM

## WHY MANCHESTER?

We are ranked 4th in the UK for Geography (Guardian University Guide 2018)

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

## 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, Film Studies, 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

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

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

### History BA 3yrs\*

UCAS code V100

### History and American Studies BA 3yrs

UCAS code VT17

### History and Arabic BA 4yrs

UCAS code VT33

### History and French BA 4yrs

UCAS code VR11

### History and German BA 4yrs

UCAS code VR12

### History and Italian BA 4yrs

UCAS code RV31

### History and Portuguese BA 4yrs

UCAS code RV51

### History and Russian BA 4yrs

UCAS code RV71

### History and Sociology BA 3yrs

UCAS code VL13

### History and Spanish BA 4yrs

UCAS code VR14

### Ancient History and History BA 3yrs

UCAS code VV50

### Archaeology and History BA 3yrs

UCAS code VV30

### Art History and History BA 3yrs

UCAS code VV20

### English Literature and History BA 3yrs

UCAS code QV31

### Film Studies and History BA 3yrs

UCAS code PV10

### 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)

For Ancient History BA, Ancient History and Archaeology BA, please see *Classics and Ancient History*.

For *History and American Studies BA*, please see *American Studies*.

You might also be interested in *Arabic and Middle Eastern Studies*; *Archaeology*; *Classics and Ancient History*; *History of Art and Visual Studies*; *Modern Languages*.

Some programmes offer the opportunity for:

 study abroad

 study with another language

Ranked in the top ten history departments in the UK in the QS World University Rankings 2017, 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 history, to gender, social, cultural and colonial history.

Manchester itself is a living history book, from Peterloo to the anti-slavery movement, from Roman forts to medieval monuments. As a student in this culturally-rich city you'll have the opportunity to draw on the abundant library, archive and museum holdings of the local area, including Chetham's Library, the Museum of Science and Industry, the People's History Museum and the Working-Class Movement Library. You'll also have access to one of only five National Research Libraries, including the special collections of The John Rylands Library, as well as the exclusive holdings of Manchester Museum.

## WHAT YOU STUDY

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

**Year 1:** Study History in Practice, designed to assist you with the intellectual transition to university-level study. You can also begin to explore specific subject areas, choosing from a wide range of optional course units, including Capitalism in

Historical Perspective, Histories of the Islamic World and From Middle Kingdom to Economic Superpower: The Making of Modern China.

**Year 2:** Course units become increasingly specialist, offering extensive choice and flexibility, from The Making of the Modern Mind: European Intellectual History from Rousseau to Freud, and 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.

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

## SKILLS AND JOB OPPORTUNITIES

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

Our graduates enjoy success in a wide range of careers, which reflects the high regard in which employers hold a history degree from Manchester. Graduate destinations include teaching and academia, heritage and museums, the civil service, think tanks, media and journalism, marketing and public relations, law, and accountancy. Many of

our graduates have pursued successful careers within companies such as the BBC, KPMG, Deloitte, Marks and Spencer, Aviva, Accenture and Barclays.

## WHY MANCHESTER?

In the 2016 National Student Survey, 100% of Modern History with Economics students and 95% of Politics and Modern History students said that they were satisfied with the quality of their course

A breadth of specialisms and diverse course content – including Ancient, Medieval, Modern and Economic and Social History, as well as in the History of Science, Technology and Medicine

Cutting-edge course content and innovative use of e-learning and online resources to support learning

**"Politics and history are subjects that fit together so well and overlap so often. The course at Manchester allows me to take modules in both disciplines and stretch myself in both subjects, which I really enjoy."**

**Muneera Lula, BA Politics with Modern History**

## Ask a question

 +44 (0)161 306 1251

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

## Find out more

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

 @UoMhistdept

 /UniversityOf Manchester HistoryDepartment

## HISTORY OF ART AND VISUAL STUDIES

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

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

**History of Art BA 3yrs**  
UCAS code V360

**Art History and History BA 3yrs**  
UCAS code VV20

**Film Studies and History of Art BA 3yrs**  
UCAS code PV36

*\*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*; *Classics and Ancient History*; *History*; *Modern Languages*.

Some programmes offer the opportunity for:

 study abroad

 study with another language

Studying art is one of the key ways in which we interpret and understand the past. Seeking to discover how art has helped people to both define and reflect their place in the world, in turn, offers a unique insight into how art is intrinsic to the shape of the world in which we live today.

Breadth of coverage, from classical ancient Greece to contemporary and non-Western art film and photography, is a hallmark of our degree. You'll explore a multiplicity of subjects, objects and texts from different cultures and different historical periods.

You'll be taught by art historians who are trendsetters in their fields, learning via lectures, seminars, tutorials, field trips and workshops. Diversity of course units is supported

by distinctive areas of teaching, including art and literature, art and philosophy, art, history and society, art and science, art and modern/contemporary media, and architectural history.

Manchester is globally renowned for its arts and culture. The city is home to major galleries including the Lowry, Manchester Art Gallery and the Centre for Chinese Contemporary Art, alongside the Manchester International Festival and HOME – the largest combined arts centre outside London.

You'll benefit from a series of world-class, University-owned cultural resources including The John Rylands Library, a spectacular neo-Gothic building housing one of the world's finest collections of medieval illuminated manuscripts and rare books, and our art gallery, the Whitworth – home to world-famous collections that include masterpieces by Durer, Turner, Blake, Van Gogh, Gauguin and Picasso.

Our cutting-edge course content is directly informed by our world-leading research. The 2014 Research Excellence Framework ranked us in the top three art history departments in the UK.

You'll not only learn about the history of art across the world – you'll have the opportunity to travel there to explore renowned works first-hand through field trips, internships and an optional work placement.

We have a pathway devoted to curating and gallery studies taught in conjunction with museology staff. Furthermore, our student society, the Manchester Art Group, organises exhibitions and talks by significant names across the arts, allowing you to build links with industry.

## WHAT YOU STUDY

**Year 1:** You'll be introduced to key art historical concepts and methods of analysis and interpretation as well as skills in academic writing. You'll study a breadth of material – from the ancient world to the present – as well as uncovering the evolution of the art

space – from academies to museums, from art fairs to biennials. Alongside core units exploring art from the Ice Age to Baroque, and from rococo to the here and now, you'll select from a range of optional multidisciplinary course units across the breadth of arts, languages and cultures.

**Year 2:** You'll develop your critical thinking and enhance your understanding of theories and approaches in the study of art history via a combination of core and optional course units. As well as taking units such as Art in Theory and The Afterlife of Objects, you'll start to explore specific art forms and periods of interest, selecting from diverse units including Renaissance and Discovery, Autonomous Objects: Sculpture Since 1900, British Art From Turner to Whistler and The Painters of Modern Life. You'll also study major European collections first-hand courtesy of a dedicated field trip to a major cultural centre such as Rome, Paris, Barcelona or Berlin.

**Year 3:** You'll take two seminar courses each semester, allowing you in-depth contact with a wide range of academic specialisms including: Exhibitions that Changed the World, Art after Modernism, Picasso, Romanticism, Northern Renaissance Art, and Women and Art in Italy 1280–1530. Optional course units are taught in small groups and encourage participation and active learning, while our optional work placement offers you the chance to directly engage with cultural organisations across the city. You'll also write a dissertation on a topic of your own choosing – supervised by a member of staff – giving you the chance to research a specific field of interest in depth.

## SKILLS AND JOB OPPORTUNITIES

A degree in art history prepares you for careers in the art world but it also equips 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 1 in 11 of all UK jobs now fall within the creative economy, and 1 in 6 of all UK graduate jobs are also 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; teamwork; 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; from hospitality, sport and leisure to heritage, museums and galleries. Recent graduate career destinations include Royal Collections Exhibitions Curator, Archivist at Tate Liverpool and Art Officer at English Heritage. Others undertake PhD study.

## WHY MANCHESTER?

Enhance your employability with placements and volunteering opportunities at the University's own award-winning art gallery, the Whitworth

Funded study trips to the UK and overseas, including Paris, Berlin and Rome

We give two students per year exclusive access to summer internships at the world-famous Peggy Guggenheim Collection in Venice

92% of students on our BA History of Art are satisfied with the quality of their course (National Student Survey 2016)

**"The History of Art degree provides a wide-ranging knowledge of the subject and a chance, later in the course, to focus on specific interests. I enjoyed my three years at Manchester immensely and the techniques, methods and confidence I gained have been invaluable to me in my career."**

Andrew Hardman, BA History of Art

### Ask a question

+44 (0)161 275 6083

ug-ahvs@manchester.ac.uk

### Find out more

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

@AHVS\_UoM

/UoMSALC

## HUMANITARIANISM AND CONFLICT RESPONSE

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

IELTS score: 6.5 overall.

**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)*

### Opportunities for:

study with another language

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

The Institute is driven by a desire to inform and support policy and decision-makers, and to foster increased professionalisation within the sector. We have forged global networks of academics and practitioners, bringing specialist knowledge and understanding of their geographical location to our teaching and research.

Our International Disaster Management and Humanitarian Response degree is a multidisciplinary course designed to enhance collaboration among natural and social sciences, medicine, and the arts. Its overall aim is to explore disaster risk reduction and humanitarian response. We seek to bridge the divide between development and humanitarian action in an inclusive approach to humanitarian education that mirrors the reality

of aid operations, and informs both analytical and applied disciplines.

You'll explore methods for improving the building of disaster resilience in communities, both globally and in the UK. You'll develop research expertise, practical knowledge and management skills in disaster prevention, mitigation, preparedness, response and recovery in order to reduce negative impacts on health, social, economic and environmental spheres. You'll also explore humanitarian crises by deconstructing key humanitarian concepts and principles, humanitarian governance, conflict analysis and humanitarian assistance. Your learning will be supplemented by field study – either in the UK or abroad – where the theory and concepts you'll have studied can be grounded in practice.

## WHAT YOU STUDY

You'll study issues arising from relief and development work, including resilience-building and preparation for crises and disasters. You'll develop expertise in risk and vulnerability analysis alongside strategic research methods including data capture, analysis and reporting.

You'll learn about humanitarian response systems, including their design, the work of the international community in relief efforts, and the challenges and opportunities in the humanitarian response agenda. We want our students 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 manmade disasters and conflict.

Every year, you'll take a number of compulsory course units. This core study will be supplemented by optional modules, allowing you to tailor your study to specific needs or interests. This includes relevant multidisciplinary courses in history, politics, medicine, geography and development studies. Your final-year dissertation allows you to make the focus of your last semester here truly your own, and wholly relevant to your personal interests and prospective career.

**Year 1:** Study core course units on Disaster Management and Humanitarian Response in Scholarship and Practice, Key Concepts of Humanitarianism, Introduction to Disaster Management and Introduction to Humanitarianism. Optional units include Humanitarian Governance and Society and Introduction to Conflict Analysis.

**Year 2:** Study core course units on Everyday Peacebuilding and Security, Complex Crisis Management, Disasters and Development, and Emergency-Humanitarian Assistance. Optional units include Introduction to Global Health and an optional professional experience project with a humanitarian organisation in the UK.

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

## Language options

Up to a third of your degree can include language study, such as French, Spanish, Chinese, Arabic, or Russian. This option addresses demand for foreign language speakers from employers in the humanitarian sector, and would give you a great foundation for making use of your degree overseas.

## SKILLS AND JOB OPPORTUNITIES

Our range of pioneering sector partnerships with specific national and international non-governmental organisations (NGOs) continues to shape the real-world focus of our teaching, as well as offering strong industry links to key career destinations for our graduates. Our partners include Save the Children, International Alert, Médecins Sans Frontières, The Overseas Development Institute, ALNAP, Mines Advisory Group, and The International Federation of Red Cross and Red Crescent Societies.

The HCRI's partnership with Manchester's UK-Med also continues to flourish, hosting the

UK International Emergency Trauma and Medical Registers – an initiative supported by the Department for International Development.

## WHY MANCHESTER?

Engage first-hand with the people, projects and organisations that shape humanitarian, global health, disaster management, conflict response and intervention issues around the world

Active engagement in critical analysis of key debates and challenges in disaster management and humanitarian response

Work placements and national and international fieldwork opportunities

**"So far, the best part about studying at HCRI has been all the incredible guest speakers we've had the opportunity to meet. It's not every day you get to meet Gareth Owen OBE, the Humanitarian Director of Save the Children."**

Joseph Hartley, International Disaster Management and Humanitarian Response BSc

### Ask a question

+44 (0)161 275 6083

ug-hcri@manchester.ac.uk

### Find out more

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

@HCRInstitute

/hcrinstitute

## 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, Film Studies, 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, Film Studies, Linguistics, Biosciences, Politics, 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

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 7.0 overall with not less than 6.5 in any component.

**Criminology BA 3yrs**  
UCAS code M901

**Criminology and Quantitative Methods BASS 3yrs**  
UCAS code C856

**Law LLB 3yrs**  
UCAS code M100

**Law with Criminology LLB 3yrs**  
UCAS code M1M9

**Law with Politics LLB 3yrs**  
UCAS code LM21

*You might also be interested in Social Sciences. See Social Sciences for information on our BASS degrees.*

**Some programmes offer the opportunity for:**

 *study abroad*

The School of Law has provided high-quality legal education for over 160 years. We offer courses in criminology, law, and healthcare ethics, making our range of specialisms one of the broadest in the country.

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 learning environment.

Our highly-regarded academics are involved in cutting-edge and world-leading legal and criminological research. They work collaboratively with legal and criminal justice practitioners. They also have strong research and policy links with national and international organisations including the United Nations, the World Trade Organisation, the European Union, the UN Crime Commission and the UK Home Office.

As a School of Law student you'll have numerous opportunities to enrich your studies and make the most of your degree at Manchester. With some of the largest and most active school societies in the country, and volunteering activities around the local area and specialist career support, you'll graduate with the skills and experience to build your future.

All courses within the School of Law are available as four-year degrees featuring a year abroad at one of our partner universities. International study in your third year is an excellent opportunity to see the world, experience new cultures and expand your professional network. You can find out more about our International Study programmes on our website.

### 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 in tailored classes of 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:** After an introduction to legal systems and skills, you will study four foundational course units, each taught across two semesters: Obligations I (Contract Law), Criminal Law, Public Law and Property I (Equity and Trusts).

**Year 2:** Study four foundational course units and one optional course unit of your choice. The foundational course units are: Obligations II (Tort Law), European Union Law, Property II (Land Law) and Jurisprudence.

**Final year:** Choose six optional course units from a wide range of specialist topics such as: Commercial Law, Advocacy and the Law, Human Rights, Environmental Law, and Company Law. You'll also have the opportunity to write 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. Compulsory course units include: 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 as well as improving your knowledge of different aspects of the criminal justice system. You'll receive specialist data analysis training and study course units including: Youth Justice; Criminology and Criminal Justice in Action; Policing and the Police; and Understanding Punishment.

**Final year:** You'll select specialist options, expanding your knowledge and understanding alongside your dissertation. Options include studying the use of drugs in society, counter terrorism, offender punishment and rehabilitation, the role and experience of victims, criminal psychopaths, and white-collar crime.

### Law with Criminology

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

**Year 1:** After an introduction to legal systems and skills, you will study course units including Obligations I (Contract Law), Criminal Law, Crime and Society, Criminological Research Methods and Foundations of Criminal Justice.

**Year 2:** Take two further Law foundational course units, Property I (Equity and Trusts) and Public Law, and one foundational Criminology unit, Policing and the Police. You'll choose one optional Law unit and one optional Criminology unit.

**Final year:** Study three foundational Law course units, Obligations II (Tort Law), Property II (Land Law) and EU

Law. You may then study two optional Criminology course units, one in the first semester and one in the second semester. You may also elect to complete a dissertation subject that bridges both disciplines.

### Law with Politics

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

**Year 1:** After an introduction to legal systems and skills, you will study foundational Law course units, Obligations I (Contract Law) and Public Law. In Politics you'll complete foundational Politics course units, Introduction to Political Theory, Introduction to Comparative Politics and Introduction to International Politics.

**Year 2:** You'll take two foundational Law course units in Criminal Law and Property I (Equity and Trusts). You'll also take two Politics optional course units and one Law optional course unit.

**Final year:** You will study three foundational Law course units, Obligations II (Tort Law), EU Law and Property II (Land Law). You may then study one optional Politics course unit and one optional Law course unit. You may choose a dissertation subject that bridges both disciplines.

## SKILLS AND JOB OPPORTUNITIES

Students will benefit from unique training, networking and industry experience opportunities to build truly successful careers. If you want to practise as a solicitor or barrister in England and Wales, our LLB degrees enable you to study the foundational subjects required to qualify for exemptions at the next stage in your training. You'll still need to embark on further vocational training; either the Legal Practice Course and a training contract to become a solicitor, or the Bar Professional Training Course and a pupillage to become a barrister.

Criminology is a diverse and fascinating subject, and the transferable skills that you develop during your time with us will set you up for a number of career paths

you may not have even considered. Students who pursue careers in criminology and areas related to criminal justice can take our extensive Criminology Careers Programme. This includes Criminology Question Time, giving you the chance to learn from and network with panellists from areas such as the police, prison and probation services and the third sector.

## WHY MANCHESTER?

Gain professional legal experience while you study by volunteering at one of our Legal Advice Centres

28th in the world and 6th in the UK for Law in the THE Times Higher Education World University Rankings by subject 2018

Access specialised criminology-related training and work placements through our highly regarded Q-Step summer programme

## Ask a question

+44 (0)161 306 1271

ug-law@manchester.ac.uk

## Find out more

www.manchester.ac.uk/lawschool

@law\_uom

/UoMSchoolofLaw

# LINGUISTICS AND ENGLISH LANGUAGE

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

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

### Linguistics BA 3yrs\*

UCAS code Q100

### Chinese and Linguistics BA 4yrs

UCAS code TQ11

### French and Linguistics BA 4yrs

UCAS code RQ11

### German and Linguistics BA 4yrs

UCAS code RQ21

### Italian and Linguistics BA 4yrs

UCAS code RQ31

### Latin and Linguistics BA 3yrs

UCAS code QQ61

### Linguistics and Arabic BA 4yrs

UCAS code QT33

### Linguistics and Japanese BA 4yrs

UCAS code QT12

### Linguistics and Portuguese BA 4yrs

UCAS code QR15

### Linguistics and Russian BA 4yrs

UCAS code QR17

### Linguistics and Social Anthropology BA 3yrs

UCAS code QL16

### Linguistics and Sociology BA 3yrs

UCAS code QL13

### Linguistics and Spanish BA 4yrs

UCAS code QR14

### English Language BA 3yrs\*

UCAS code Q1Q3

### English Language and Arabic BA 4yrs

UCAS code QT34

### English Language and Chinese BA 4yrs

UCAS code QT31

### English Language and English Literature BA 3yrs

UCAS code QQ10

### English Language and French BA 4yrs

UCAS code QR31

### English Language and German BA 4yrs

UCAS code QR32

### English Language and Italian BA 4yrs

UCAS code QR33

### English Language and Japanese BA 4yrs

UCAS code QT32

### English Language and Portuguese BA 4yrs

UCAS code RQ53

### English Language and Russian BA 4yrs

UCAS code QR37

### English Language and Spanish BA 4yrs

UCAS code QR34

### Film Studies and English Language BA 3yrs

UCAS code PQ22

### Film Studies and Linguistics BA 3yrs

UCAS code P212

*\*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)*

Some programmes offer the opportunity for:

 study abroad

 study with another language

Linguistics and English Language are the ideal subjects for the analytical mind. You'll delve into the science of language – a faculty that defines human beings and impacts our lives on a global scale. 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 study how children acquire language and how language changes over time.

As a Linguistics student, 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 focuses on the sounds, words and structures of English. You'll discover how Old English developed into Modern English.

You'll also have the opportunity to conduct first-hand research on linguistic variation in the UK or further afield, and the chance to use ultrasound imaging and electroencephalography (EEG) in the phonetics lab to conduct experiments. Furthermore, you'll study in the most linguistically diverse city in Western Europe – home to more than 150 languages.

## WHAT YOU STUDY

**Year 1:** Learn to look at language from a whole new perspective. Gain an understanding of the structure of sounds, words and sentences and explore language in the human mind and brain. As an English Language student, you'll investigate the history and varieties of English. As a Linguistics student, you'll 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:** Continue to hone your study, choosing from a wide range of course units. You'll be encouraged 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.

As a Joint Honours student, you'll take an equal portfolio of course units across your two chosen subject areas in your first year. In your second and third year, you'll have the opportunity to tailor your degree to your interests.

## SKILLS AND JOB OPPORTUNITIES

As a Linguistics or English Language student you'll develop analytical and problem-solving skills. Often dealing with granular and complex data, your combination of humanities and scientific understanding will allow you to make connections across multiple fields of employment. You'll acquire key transferable skills in data

capture and analysis, interpretation, critical thinking, problem-posing and problem-solving skills as well as 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'll 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.

## WHY MANCHESTER?

Linguistics and English Language at The University of Manchester offers an exceptional breadth of subject areas and theoretical approaches

Access cutting-edge resources, including our psycholinguistics and phonetics labs

Conduct research using English manuscripts held in our prestigious Special Collections

**“Except for a few compulsory modules, the course design is really flexible, and you can pick the modules which interest you most, ranging from studying Old English language to the different dialects of English in the UK today.”**

Alex Flowers, BA English Language

## Ask a question

+44 (0)161 275 3211

ug.languages@manchester.ac.uk

## Find out more

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

@UoMLEL

www.manling.wordpress.com

## MANAGEMENT

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

## MANAGEMENT, LEADERSHIP AND LEISURE

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**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

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. 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.

## 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

### Ask a question

+44 (0)161 275 0969

ug-mie-admissions@manchester.ac.uk

### Find out more

www.manchester.ac.uk/education

## MATERIALS SCIENCE

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**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

You might also be interested in *Chemistry; Chemical Engineering; Computer Science; Engineering or Science with an Integrated Foundation Year; Physics and Astronomy*.

### Opportunities for:

industrial placements

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.

## 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

### Ask a question

+44 (0)161 306 4360

ug-materials@manchester.ac.uk

### Find out more

www.manchester.ac.uk/materials

@UoMMaterials

## MATHEMATICS

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 6.0–6.5 with 6.0 in writing and no less than 5.5 in any other 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

*You might also be interested in Accounting and Finance; Computer Science; Economics; Engineering; Engineering or Science with an Integrated Foundation Year; Physics and Astronomy.*

**Some programmes offer the opportunity for:**

 *study abroad*

 *study with another language*

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.

### 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 a programme of career events throughout the year**

**One of the largest mathematics departments in the country, allowing you to explore a huge range of areas across the discipline**

#### Ask a question

 **+44 (0)161 275 5803 / 5804**

 **ug-maths@manchester.ac.uk**

#### Find out more

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

 **@ManUniMaths**

 **/ManUniMaths**

## MECHANICAL ENGINEERING

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**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 Management MEng 4yrs**  
UCAS code H3ND

*You might also be interested in Aerospace Engineering; Computer Science; Civil Engineering; Electrical, Electronic and Mechatronic Engineering; Mathematics; Physics and Astronomy; Engineering or Science with an Integrated Foundation Year.*

**Some programmes offer the opportunity for:**

 *study abroad*

 *industrial placements*

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.

### 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**

#### Ask a question

 **+44 (0)161 306 9210**

 **ug-mace@manchester.ac.uk**

#### Find out more

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

 **@MACEAdmissions**

 **/UoMACE**

## MECHATRONICS

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

## MEDICINE

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 7.0 overall with no less than 6.5 in any component.

**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*.

Some programmes offer the opportunity for:



study abroad



industrial placements



study with another language

At Manchester we educate, train and equip students with knowledge and skills to face the great healthcare challenges of the future. We have all the resources that you would expect for one of the largest medical schools in Europe and you will be taught by academic staff with international reputations.

Upon graduation you will have the knowledge and practical skills to manage complex healthcare needs along with the resilience required to meet the demands of a rapidly changing global healthcare economy.

We use a wide variety of teaching 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, physiology, pharmacology and evidence based medicine) and clinical experience. Our course integrates scientific and clinical learning with a patient centered approach to consultation so that you will be able to apply scientific knowledge and concepts to your clinical practice. You

will also receive one-to-one support from a tutor to guide your personal and professional development.

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 healthcare systems and our Personal Excellence Path allows you to develop your own research interests throughout the course.

### 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 biomedical, social, behavioural and clinical sciences that underpin our patient centered approach to medicine. Shortly after starting your scientific studies, you will 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:** You will be fully immersed in the clinical environment at our teaching hospitals and community services. Year 3 will emphasise placements in general medical and surgical environments, broadening your clinical practice in Year 4 in a variety of clinical specialties.

**Year 5:** Consolidate and integrate your previous four years of study and prepare for practice as a newly qualified foundation doctor. You will 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 in a range of over 40 subjects and provides the opportunity to tailor your own clinical learning in a student selected placement.

If you are an international applicant studying for a qualification that is not suitable for direct entry to our five-year Medicine programme, then our International Foundation Year is designed to prepare you for future medical study. This intensive, one-year course is taught by academic staff

from the University and Xavarian College, and will help you to develop the knowledge and skills required to succeed as a future medical student.

The course uses mixed learning methods, but the key Manchester approach is the study of themed case discussions through facilitated group activities to emphasise enquiry, discussion, self-education, and the development of critical thinking and communication skills - all of which are essential skills for medics. During the Foundation Year you will have the opportunity to apply to study on our undergraduate (five-year) MBChB course, or a range of other relevant degree programmes at the University.

### SKILLS AND JOB OPPORTUNITIES

Graduating from our MBChB Medicine course entitles you to apply for provisional registration with the General Medical Council and for Foundation Year 1 junior doctor jobs. The Manchester programme is also recognised and approved in many countries throughout the world. For more information, visit our website or contact us.

Most UK medicine graduates go on to work as hospital doctors or in primary care for the UK's National Health Service and a broad spectrum of careers is open to you across medical, surgical and other specialties, including General Practice.

#### Ask a question



+44 (0)161 306 0211



ug.medicine@manchester.ac.uk

#### Find out more

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



@Medicine\_UoM



@FBMH\_UoM



/FBMHManchester



@ManchesterFBMH

## WHY MANCHESTER?

Our mixed methods course combines traditional lectures and practical classes with small group learning (including problem based learning, clinical debrief and themed case-based discussions)

We are one of only a few UK medical schools teaching anatomy through full body dissection

We provide outstanding communication and consultation skills teaching

All students gain important clinical experience from the first year of the course in National Health Service (NHS) hospitals and GP practices

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

## MIDWIFERY

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**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*.

Opportunities for:



industrial placements

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 the NMC and practice 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, 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 and prepare you 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 practice in a wide range of settings across the UK.

### 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

### Ask a question

+44 (0)161 306 7602

ug.midwifery@manchester.ac.uk

### Find out more

www.manchester.ac.uk/midwifery

## MODERN LANGUAGES AND CULTURES

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

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

### 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

### Middle Eastern Studies BA 4 years\*

UCAS code T601

### Russian Studies BA 4yrs\*

UCAS code R700

### Spanish, Portuguese and Latin American Studies BA 4yrs\*

UCAS code RR45

### Modern Language Joint Honours (various subject combinations available) BA 4yrs

UCAS codes vary – please see course index on p117.

*\*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)*

Some programmes offer the opportunity for:

 study abroad

 study with another language

Through either our East Asian Studies or Middle Eastern Studies course you'll acquire an in-depth knowledge and understanding of your chosen

region, without having to learn a language. However, should you wish to pursue language study, we offer Chinese, Korean and/or Japanese (for East Asian Studies) and Arabic, Hebrew, Turkish and/or Persian (for Middle Eastern Studies) either as a 'minor' as part of our Flexible Honours programme, or through the University Language Centre.

### Joint Honours

You can study two modern languages, or a modern language combined with Biosciences, Business and Management, English Literature, Film Studies, History, Linguistics, English Language, Latin, Mathematics or Politics. You'll split your first year of study evenly across both subjects and from Year 2 onwards, you can choose to weight your course units towards one subject (up to a 40-60% split), or maintain an equal balance.

For a full list of available Modern Languages and Joint Honours degrees, see the course index at the back of this prospectus.

For more information about Middle Eastern Studies BA see p52.

Our modern languages provision is among the most diverse in the UK, featuring nearly one hundred different subject combinations. We offer nine European, East Asian and Middle Eastern languages at degree level: Arabic, Chinese, French, German, Italian, Japanese, Portuguese, Russian and Spanish. You can also learn Catalan and Portuguese as part of the Spanish programme, and Polish as part of the Russian programme.

All our languages can be studied from scratch or post A-level, whether you choose to study for a Single Honours degree – immersed in one language and culture or region – or for a Joint Honours degree, combining two languages together, or one language with a subject like History, English Literature, Politics or Business & Management. Single Honours students have the option to study subjects from across the breadth of Humanities and the University College for Interdisciplinary Learning.

At Manchester, 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. 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 multitasking skills.

You'll benefit from excellent teaching, student support and study facilities, as well as enjoying the vibrancy of multicultural Manchester itself. Western Europe's most linguistically diverse city. With placement options available at partner universities and in professional environments across the globe, a compulsory third year abroad gives our undergraduate students unforgettable and invaluable personal and professional experience.

## RESIDENCE ABROAD

All of our modern language degrees offer the opportunity to study and/or work for up to a year in a country (or countries) relevant to your chosen language(s). Your residence abroad will strengthen your language skills and employability in many ways, and provide a valuable and inspirational life experience. Whether you go to Shanghai or Hamburg, São Paulo or Siena, you'll improve your communicative language skills through focused learning in a native-speaker environment, and develop a first-hand understanding of the history and culture of your host country.

Many students choose to 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. Other students spending a full academic year abroad apply through the British Council to work as English Language assistants. Alternatively, you can arrange other forms of paid and unpaid work, ranging from placements with blue chip companies to voluntary work. Our award-winning Careers Service advertises overseas

placement opportunities, and supports students throughout the application process.

For more details including residence-abroad configurations, costs, financial support, study destinations and work-placement options visit: [www.manchester.ac.uk/residenceabroad](http://www.manchester.ac.uk/residenceabroad)

## 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.

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

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

### Ask a question

+44 (0)161 275 3211

ug.languages@manchester.ac.uk

## WHY MANCHESTER?

We're one of the top five modern languages departments in the UK (QS World University Ranking 2018)

Close associations with key city-based cultural institutions, including the Alliance Française, Goethe Institut, Società Dante Alighieri, Instituto Cervantes, Instituto Camões and the Confucius Institute

Our facilities include our University Language Centre, interpreting suite and purpose-built recording rooms

We offer a range of bursaries and maintenance grants to support residence abroad activity

Undertake additional language learning through our Language Experience for All Programme, including Dutch, Urdu and Greek

### Find out more

www.manchester.ac.uk/modern-languages

### Modern Languages and Cultures

 @UoMLanguages

### French Studies

 /UoMFRENCH

### Italian Studies

 @UofM\_Italian

### Japanese Studies

 /japanesemanchester

### Spanish, Portuguese and Latin American Studies

 @splasmanchester

 /splasmanchester

## MUSIC

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

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

### 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)*

*You might also be interested in Drama.*

#### Some programmes offer the opportunity for:



study abroad



study with another language

Ranked as one of the top three music departments in the UK, and with consistently high student satisfaction scores, Music at Manchester has an outstanding reputation for producing professional musicians and high-achieving graduates. Our academic staff are leaders in their fields, undertaking research that ranges from new insights into Renaissance singing to the use of computer-game technology in contemporary composition. They work alongside a roster of leading instrumental and vocal tutors drawn from the vast pool of professional expertise across the city. Our degree courses offer you the best of both worlds: the highest standards in performance and composition, alongside academic studies driven by world-leading research.

Manchester is home to more professional music-making than any UK city outside London, including

three professional orchestras – the Hallé, BBC Philharmonic and Manchester Camerata – as well as internationally-recognised institutions such as the BBC, Bridgewater Hall, the Royal Northern College of Music (RNCM) and connections with nearby Opera North. The department has strong links with a range of professional and community-based music organisations and, in turn, we play a vital role in the city's lively cultural scene, offering more than 100 concerts, performances and seminars every year.

We're home to one of the most active student-run music societies in the country, with more than 700 members, offering a huge range of musical and work experience opportunities. Performance and composition are nurtured by our resident string quartet, the Quatuor Danel, and our contemporary ensemble-in-residence, Psappha, alongside performance masterclasses from visiting artists.

All of our teaching takes place in state-of-the-art facilities in our Martin Harris Centre for Music and Drama, and in NOVARS Research Centre, the adjacent award-winning electroacoustic composition studios.

## WHAT YOU STUDY

### MusB Music

Our MusB is a highly-regarded, dynamic course allowing students to develop their own pathway through the degree. It covers analysis and music theory, composition (instrumental and vocal), electroacoustic composition and computer music, ethnomusicology, musicology, and performance. We also offer the prestigious Joint Course which combines the study of our MusB (Hons) with the RNCM's four-year Graduate Diploma. For students on our Joint Course with the RNCM, you'll study with us and the RNCM in Years 1 to 3. After graduation from The University of Manchester, you'll complete your diploma at the RNCM.

**Year 1:** Study core areas of musical and academic training; performance, composition, analysis and music

theory, aural skills, musicology and ethnomusicology. Lectures, seminars, one-to-one instrumental lessons (18 hours per year) and independent study are supported by a weekly small-group tutorial where you'll get regular feedback on your progress.

**Years 2 and 3:** Build on first-year interests by choosing freely from a huge range of options, from game-audio design to medieval notation, from world music to Wagnerian opera, and from instrumental composition to conducting. You'll probably choose more varied topics in Year 2, then specialise in Year 3, when you'll choose at least one option from a dissertation, portfolio of compositions or recital.

You'll be assessed in a variety of ways, including via recital, composition portfolio, coursework essays and written exams.

For students on our Joint Course with the RNCM, your Diploma year at the RNCM will commence after graduation from The University of Manchester.

### BA Music and Drama

Gain a scholarly and practical education through the study of history, theory and practical performance – ideal if you're interested in pursuing performance in both areas, or if you have academic interests in the study of music and screen, opera or music theatre.

**Year 1:** Study theatre, music and film through history, theory and practical performance. Take compulsory course units in Music and Drama as well as interdisciplinary course units covering screen studies or performance/theatre studies. You'll also select from a wide range of optional Music and Drama course units, from the art of film to sonic invention.

**Years 2 and 3:** Choose from a vast range of courses, from studio production to the string quartet, from street theatre to sound design. Explore subjects of specific interest in order to define your specialisms ahead of your third year, when you'll undertake a composition portfolio, recital or dissertation in Music and Drama.

## SKILLS AND JOB OPPORTUNITIES

You'll develop advanced skills in music, including performance skills, technical and creative proficiency in composition, and an understanding of issues central to music as a social, cultural and aesthetic phenomenon. In parallel you'll acquire vital employability skills spanning: analysis and interpretation; reasoning and logic; creative problem-solving; critique and reflection; teamwork and leadership; creativity and innovation; self-motivation and time management; innovative approaches to research methodologies; and the presentation of complex ideas.

Our recent alumni include some leading musicians of the new generation, such as conductor Jamie Phillips and composer Tom Coult. Equally, we are proud to see recent graduates in roles as diverse as: VoiceLab Manager at the Southbank Centre; Accountant at PwC; Assistant Operations Manager at the Royal Free Hospital; Development Researcher at Reef Television; Marketing Assistant at the City of Birmingham Symphony Orchestra; Account Manager at Saatchi & Saatchi; Participation and Learning Manager at the Lowry Theatre.

## WHY MANCHESTER?

Ranked in the top three music departments in the UK (Complete University Guide, the Guardian University Guide and The Times and Sunday Times Good University Guide 2017)

£8.2 million facilities dedicated to Music and Drama

Our graduates include some of the country's leading composers, conductors, music scholars and teachers

## NEUROSCIENCE

*Neuroscience is one of our Biological and Biomedical Sciences courses. To find out more, see Biological and Biomedical Sciences.*

**"I'm so glad I chose Manchester. The lecturers are so approachable and take an interest in our welfare. Performance means a great deal to me and I don't think anywhere else would have offered me so many varied opportunities."**

Sophie Price, MusB Music

### Ask a question

+44 (0)161 275 4987

ug-music@manchester.ac.uk

### 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

## NURSING

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**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.*

**Some programmes offer the opportunity for:**



*study abroad*



*industrial placements*

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.

## 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

### Ask a question

Adult



+44 (0)161 306 7600

Children's / Mental Health



+44 (0)161 306 7603



ug.nursing.bnurs@manchester.ac.uk

### Find out more

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

## OPTOMETRY

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 7.0 overall; no less than 6.0 in any component.

### Optometry BSc 3yrs

UCAS code B510

### Optometry MSci Optom 4yrs

UCAS code B511

You should not apply for both the BSc Optometry and the MSci Optometry course, as applications for these courses are considered together. Students cover the same course units for the first two years of both these courses and only exceptional students are invited to continue on the second two years of the MSci.

*You might also be interested in Medicine; Pharmacy.*

**Opportunities for:**



*industrial placements*

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.

### Ask a question



+44 (0)161 275 2411



ug.optometry@manchester.ac.uk

### Find out more

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



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@FBMH\_UoM



/FBMHManchester



@ManchesterFBMH

## 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

## PHARMACY WITH A FOUNDATION YEAR

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 7.0 overall.

### Pharmacy with a Foundation Year MPharm 1+4yrs

UCAS code B231

*You might also be interested in Biological and Biomedical Sciences; Pharmacy.*

**Opportunities for:**



*industrial placements*

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

### 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

### Ask a question

+44 (0)161 275 2411  
ug.pharmacy@manchester.ac.uk

### Find out more

www.manchester.ac.uk/pharmacy

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/FBMHManchester  
@ManchesterFBMH

## PHARMACY

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

IELTS score: 7.0.

Pharmacy MPharm 4yrs  
UCAS code B230

You might also be interested in *Biological and Biomedical Sciences; Pharmacy with a Foundation Year.*

### Opportunities for:

Industrial placements

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, regulatory pharmacy, the NHS, veterinary pharmacy, and the prison and army services.

### 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

### Ask a question

+44 (0)161 275 2334  
ug.pharmacy@manchester.ac.uk

### Find out more

www.manchester.ac.uk/bmh/pharmacy

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@ManchesterFBMH

## PHILOSOPHY

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

IELTS score: 6.5 overall; no less than 6.0 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

You might also be interested in *Economic and Social Sciences; Mathematics; Physics and Astronomy; Politics, Philosophy and Economics (PPE); Social Sciences.*

### Some programmes offer the opportunity for:

Study abroad

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.

## 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

## Ask a question

+44 (0)161 275 1473 / 4748

socialsciences@manchester.ac.uk

## Find out more

www.manchester.ac.uk/philosophy

@MancPhilosophy

## PHYSICS AND ASTRONOMY

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**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**  
UCAS code F301

**Physics with Theoretical Physics BSc 3yrs**  
UCAS code F345

**Physics with Theoretical Physics MPhys 4yrs**  
UCAS code F346

*You might also be interested in Aerospace Engineering; Computer Science; Electrical, Electronic and Mechatronic Engineering; Engineering or Science with an Integrated Foundation Year; Mathematics; Philosophy.*

**Some programmes offer the opportunity for:**

 study abroad

 study with another language

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 £10 million investment has provided a new undergraduate laboratory, and other cutting-edge teaching facilities, which opened 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.

## WHY MANCHESTER?

**Consistently high record of student satisfaction, with a ten-year average score of 93%**

**First placed physics department in Europe in the Academic Ranking of World Universities 2017**

**The breadth of our research portfolio is reflected by a broad undergraduate curriculum with lots of choice, flexibility and opportunities**

## Ask a question

+44 (0)161 275 4210

ug-physics@manchester.ac.uk

## Find out more

www.manchester.ac.uk/physics

## PLANNING AND ENVIRONMENTAL MANAGEMENT

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**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 and Real Estate BSc 3yrs**  
UCAS code K430

**Planning with Real Estate (MPRE Integrated Master's) 4yrs**  
UCAS code 1G23

*You might also be interested in Architecture; Environmental Science; Geography.*

**Some programmes offer the opportunity for:**

 study abroad

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

A three year degree studying the Earth's natural resources, the way in which human societies interact with them and ways in which they can be sustainably managed. Understanding both scientific principles and relevant policy frameworks is essential if we are to address global environmental challenges including climate change and sustainable development. This vocationally-led degree will equip you with a wide range of hands-on environmental and ecological skills.

### Urban and Regional Planning

A three year degree considering the issues faced by professionals in the planning and management of all aspects of our built and natural environments. Topics covered include planning, sustainable cities and development, urban design and regeneration, real estate, communities and neighbourhoods, and environmental impact. This course is partially accredited by the RTPI.

## Planning (MPlan Integrated Master's)

Gain both an academic and professional training in planning on this four-year enhanced undergraduate degree. The curriculum for the first three years is the same as our BA (Hons) Urban and Regional Planning. The fourth year study of planning is at master's level and is RTPI and RICS accredited.

## Planning with Real Estate (MPRE Integrated Master's)

Gain both academic and professional training in planning, real estate and property development on this four-year enhanced undergraduate degree. The curriculum for the first three years is the same as our Urban and Regional Planning BA. The fourth year study of planning and real estate is at master's level and is RTPI and RICS accredited.

## SKILLS AND JOB OPPORTUNITIES

You will develop the specialist knowledge for a career in the planning, urban design and environmental management sector. 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 are what all employers seek.

## 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

### Ask a question

+44 (0)161 275 0969

ug-planningem-admissions@manchester.ac.uk

### Find out more

www.manchester.ac.uk/planning

@PlanningUOM

/PlanEMUoM

## POLITICS AND INTERNATIONAL RELATIONS

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

IELTS score: 6.5 overall; no less than 6.0 in any component.

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

You might also be interested in *Economic and Social Studies; History; Law; Politics, Philosophy and Economics; Social Sciences.*

Some programmes offer the opportunity for:

✈️ study abroad

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 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. You can also apply to study abroad for a semester at one of our international partner universities (except Politics and International Relations, L300 students – see below).

**Year abroad (optional):** Students studying Politics and International Relations (L300) can apply to study at one of our international partner universities.

**Final year:** 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.

## 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

85% in employment or further study within six months (Unistats 2017)

More than 45 research-active teaching staff offer you unrivalled depth and breadth of expertise

Chance to study abroad for a semester or year at one of our partner universities

### Ask a question

+44 (0)161 275 1473 / 4748

socialsciences@manchester.ac.uk

### Find out more

www.manchester.ac.uk/politics

@PoliBlogManc

## POLITICS, PHILOSOPHY AND ECONOMICS (PPE)

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 6.5 overall; no less than 6.0 in any component.

### Politics, Philosophy and Economics BA 3yrs

UCAS code LV25

*You might also be interested in Economic and Social Studies; Economics; Philosophy, Politics and International Relations; Social Sciences.*

#### Some programmes offer the opportunity for:

 *study abroad*

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 abroad (optional):** Study your subject at one of our international partner universities.

**Final year:** You may choose to concentrate on two of the three disciplines, pursuing in depth the interests that you have developed. You'll also undertake an interdisciplinary course unit especially for PPE students, and a dissertation on the topic of your choice.

## SKILLS AND JOB OPPORTUNITIES

The interdisciplinary nature of PPE will offer you a wealth of transferable skills, such as the ability to think critically, present your ideas clearly and succinctly, analyse qualitative and quantitative data, develop creative solutions to problems, and research, examine and analyse information.

Some of our most recent graduates now work at Goldman Sachs, KPMG, the United Nations, the US Congress, and the Adam Smith Institute, as financial analysts, graduate economics advisors, parliamentary assistants, policy advisors and assistant editors.

## WHY MANCHESTER?

**91% of students on our BA Politics, Philosophy and Economics are satisfied with their course (National Student Survey 2016)**

**80% of our students are in a professional role or postgraduate study six months after graduation (Unistats 2017)**

**The chance to access paid placements through our prestigious Q-step programme**

**An active student-led society hosts academic and career events sponsored by Deloitte, as well as regular social events**

**Chance to study abroad for a year at one of our partner universities**

### Ask a question

 +44 (0)161 275 1473 / 4748

 [socialsciences@manchester.ac.uk](mailto:socialsciences@manchester.ac.uk)

### 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)

## PSYCHOLOGY

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 6.5 overall; no less than 6.5 in each component.

### Cognitive Neuroscience and Psychology BSc 3yrs / MSci 4yrs

See Biological and Biomedical Sciences

**Psychology BSc 3yrs**  
UCAS code C800

*You might also be interested in Biological and Biomedical Sciences; Social Anthropology.*

#### Some programmes offer the opportunity for:

 *study abroad*

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 diverse themes representing the modern discipline of psychology: mind and brain, evolution and development, adaptability and well-being, and psychology in society.

## 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. This is supplemented with training in research methods and statistics and units focused on the application of psychology (eg forensic 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 Study Abroad and BSc Psychology with Placement Year. You may apply 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.

## WHY MANCHESTER?

**World-class rankings: 7th in the UK and 38th in the world in psychology in the 2017 QS University Ranking**

**Learn from leading clinicians and psychological researchers who cover cutting-edge psychology research**

**Develop transferable, practical skills through placements that will prepare you for the job market**

**Join a university with over a 100 years' experience of successfully delivering psychology degrees**

### Ask a question

 +44 (0)161 306 0598

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

### Find out more

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

 @PsychManchester

 @FBMH\_UoM

 /FBMHManchester

 @ManchesterFBMH

## RELIGIONS AND THEOLOGY

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 7.0 overall; no less than 7.0 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)*

*You might also be interested in [Philosophy](#); [Social Anthropology](#).*

**Some programmes offer the opportunity for:**

 *study abroad*

 *study with another language*

The study of religions and theology at Manchester offers you the opportunity to engage with a wide range of traditions and beliefs, covering all periods up to the present day. Our courses are supported by our culturally rich location and the academic expertise of internationally recognised scholars. By studying with us you'll benefit from having the vibrant, multi-faith city of Manchester on your doorstep.

We offer a remarkable breadth of course units – 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. Whether you are interested in religious ideologies from a particular part of the world (eg South Asia), specific aspects of religious or theological study (eg sacred texts or gender) or a named religious tradition (eg Judaism or Buddhism), our flexible degrees will allow you to tailor your studies to suit your interests.

Religion has and continues to shape the world in which we live, with more than 70% of the world's population defining themselves as 'religious'. Whether or not you have a religious background, the study of the beliefs, philosophies, practices, policies, ethics and values that have defined our civilisations over hundreds of years provides insight into one of the most fascinating aspects of the human psyche. You'll explore topics that are crucial to understanding the shape of our current multicultural society – from religion, culture and gender to Holocaust theory, from sacred spaces to apocalyptic expectation.

## WHAT YOU STUDY

### Religion and Anthropology

This Joint Honours course will give you a chance to combine the tradition-based study of religion – covering topics such as Judaism, the problem of evil, and the Bible – with the comparative, social scientific approach of anthropology – examining areas such as social theory, power and ethnography.

### Religions and Theology

This highly flexible degree allows you to choose subjects from the full range of traditions and topics taught in Religions and Theology. You can concentrate on one specific subject area, or tailor your course to your interests by combining 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

This course provides an exciting opportunity to work 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'll study key scholars and philosophers and 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 developed through your study will equip you with the confidence and know-how 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; teamwork 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, the civil service, religious organisations and non-governmental organisations. Many have gone on to further study and, in turn, to positions within academia in the UK and further afield.

### Ask a question

 +44 (0)161 306 1252

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

## WHY MANCHESTER?

Manchester is ranked among the top ten universities in the UK for theology, divinity and religious studies in the QS World University Rankings 2018.

The opportunity to undertake research in multi-faith Manchester

Outstanding long-term reputation for research excellence – our high-quality research activities directly inform our courses

**"The teaching I received at the University was challenging, thought-provoking, forward-thinking and intellectually stimulating; it unlocked my desire for learning and made me passionate about wanting others to love learning about religion too."**

**Katie Martin, BA Religions and Theology  
Head of RS, Blue Coat School, Oldham**

### Find out more

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

 @UoMReligion

 /Religion.Manchester

## 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, Film Studies, History, 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

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 6.5 overall; no less than 6.0 in any component.

**Social Anthropology BSocSc 3yrs**  
UCAS code L600

*You might also be interested in [Archaeology](#); [Economic and Social Studies](#); [Philosophy](#); [Psychology](#); [Religions and Theology](#); [Social Sciences](#).*

**Some programmes offer the opportunity for:**

 *study abroad*

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.

## WHY MANCHESTER?

98% of students on our BSocSc Social Anthropology are satisfied with their course (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

Chance to study abroad for a year at one of our partner universities

### Ask a question

+44 (0)161 275 1473 / 4748

socialsciences@manchester.ac.uk

### Find out more

www.manchester.ac.uk/social-anthropology

@UoMAnthropology

/ManAnthropology

## SOCIAL SCIENCES (BASS)

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**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

You might also be interested in *Law; Philosophy; Politics and International Relations; Social Anthropology; Sociology.*

Some programmes offer the opportunity for:

 study abroad

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:

- Criminology – the causes and consequences of criminal acts
- Philosophy – fundamental questions about the nature of reality, knowledge, truth and value
- Politics – human organisation, government and power
- Social Anthropology – societies and culture across the globe in comparative perspective
- Sociology – societal issues such as social inequalities and forms of everyday life
- Quantitative Methods – data analysis methods to understand the social world

**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.

## 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

Paid work placement opportunities at organisations including the World Bank and YouGov

### Ask a question

+44 (0)161 275 1473 / 4748

socialsciences@manchester.ac.uk

### Find out more

www.manchester.ac.uk/socialsciences

## SOCIOLOGY

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our website.

**IELTS score:** 6.5 overall; no less than 6.0 in any component.

### Economics and Sociology BA Econ 3yrs

UCAS code LL13

### Politics and Sociology BASS 3yrs

UCAS code LL23

### Social Anthropology and Sociology BASS 3yrs

UCAS code LL63

### Sociology 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

You might also be interested in *Law, Philosophy, Politics and International Relations, Social Anthropology.*

Some programmes offer the opportunity for:

 study abroad

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.

### WHY MANCHESTER?

91% of students on our BSocSc Sociology are satisfied with their course (National Student Survey 2016)

More than 45 members of research-active teaching staff, with excellent reputations

Study among one of the largest and most reputable groups of sociologists currently working in the UK

### Ask a question

+44 (0)161 275 1473 / 4748

socialsciences@manchester.ac.uk

### Find out more

www.manchester.ac.uk/sociology

@MCRSociology

## 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, Film Studies, 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

For a complete list of courses including academic entry requirements and UCAS codes, see the A-Z on pages 116–135. For more detail including course options, visit our 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

#### Opportunities for:

Industrial placements

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.

### 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

### Ask a question

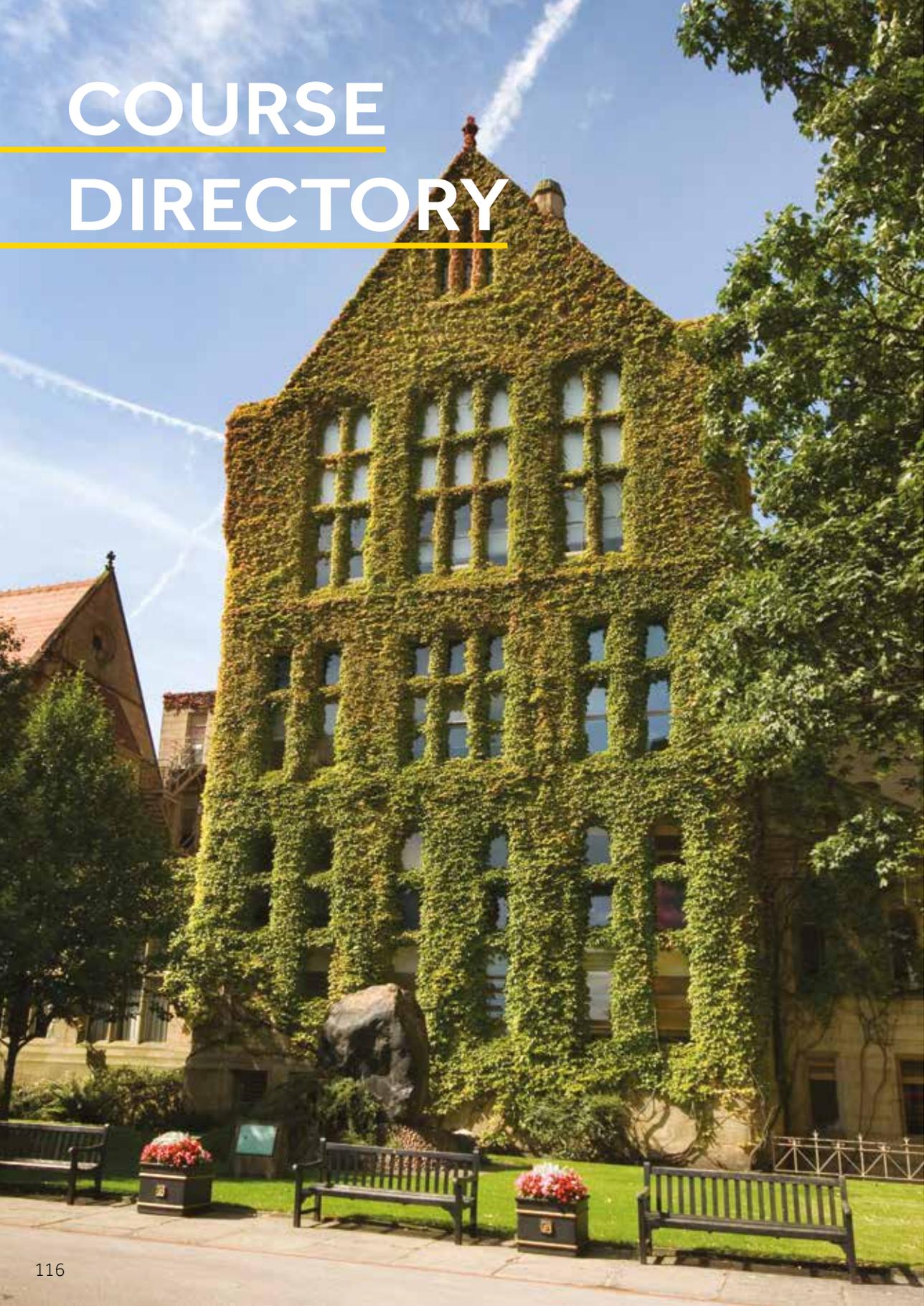
+44 (0)161 275 3389

ug-slt@manchester.ac.uk

### Find out more

www.bmh.manchester.ac.uk/speech-hearing

# COURSE DIRECTORY



COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least iGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>Accounting [BSc]</b>	N400	3	36 overall with 6,6,6 at HL	AAA	See website for additional iGCSE/IB SL requirements	49
<b>Accounting and Finance [BAEcon]</b>	NN43	3	35 overall with 6,6,5 at HL	AAB	At least one of the following at A-level: Accounting, Anthropology, Business Studies, Classics, Economics, English Language/Literature, Further Mathematics, Geography, History, Law, Mathematics, Modern Languages, Philosophy, Politics, Psychology, Religious Studies, Sociology, Use of Mathematics, and World Development. See website for additional iGCSE/IB SL requirements	49
<b>Accounting with Industrial/Professional Experience [BSc]</b>	N401	4	36 overall with 6,6,6 at HL	AAA	See website for additional iGCSE/IB SL requirements	49
<b>Actuarial Science and Mathematics [BSc]</b>	NG31	3	36 overall with 6,6,6 at HL	A*AA-AAA	Mathematics at A-level A*/A or IB HL 6	92
<b>Adult Nursing [BNurs]</b>	B740	3	32 overall with 5,5,5 at HL	BBC	At least one science-related subject (Biology, Chemistry, Psychology, Health and Social Care or Applied Sciences) at A-level or IB HL	100
<b>Aerospace Engineering [BEng]</b>	H400	3	35 overall with 6,6,5 at HL	AAB	Mathematics, Physics and one other subject at A-level or IB HL. See website for additional iGCSE/IB SL requirements	50
<b>Aerospace Engineering [MEng]</b>	H402	4	36 overall with 6,6,6 at HL	AAA	Mathematics, Physics and one other subject at A-level or IB HL. See website for additional iGCSE/IB SL requirements	50
<b>Aerospace Engineering with Industrial Experience [MEng]</b>	H406	5	36 overall with 6,6,6 at HL	AAA	Mathematics, Physics and one other subject at A-level or IB HL. See website for additional iGCSE/IB SL requirements	50
<b>Aerospace Engineering with Management [MEng]</b>	H4ND	4	36 overall with 6,6,6 at HL	AAA	Mathematics, Physics and one other subject at A-level or IB HL. See website for additional iGCSE/IB SL requirements	50
<b>American Studies [BA]</b>	T702	4	35 overall with 6,6,5 at HL	AAB	An essay-based subject such as English Literature, History or Politics at A-level or IB HL	51
<b>American Studies [BA]</b>	T701	3	34 overall with 6,5,5 at HL	ABB	An essay-based subject such as English Literature, History or Politics at A-level or IB HL	51
<b>Anatomical Sciences [BSc]</b>	B110	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Anatomical Sciences [MSci]</b>	S2A6	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Anatomical Sciences with a Modern Language [BSc]</b>	B114	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	A-levels - two of Biology, Chemistry, Physics and Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - two sciences at IB HL, normally Biology and Chemistry. French, German, Italian or Spanish at HL 5 or 6. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements	55
<b>Anatomical Sciences with Industrial/Professional Experience [BSc]</b>	B111	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Ancient History [BA]</b>	V110	3	34 overall with 6,5,5 at HL	ABB	An essay-based subject such as English Literature, History or Politics at A-level or IB HL	62
<b>Ancient History and Archaeology [BA]</b>	VV14	3	34 overall with 6,5,5 at HL	ABB		53
<b>Ancient History and History [BA]</b>	VV50	3	35 overall with 6,6,5 at HL	AAB	History at A-level A or IB HL 6	62/ 81
<b>Arabic Studies [BA]</b>	T624	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	52/ 96
<b>Arabic and a Modern European Language [BA]</b>	RT81	4	34 overall with 6,5,5 at HL	ABB	Chosen modern European language (French, German, Italian, Spanish, Portuguese, Russian) at A-level or IB HL	52/ 96
<b>Archaeology [BA]</b>	V400	3	34 overall with 6,5,5 at HL	ABB		53
<b>Archaeology and Anthropology [BA]</b>	VL46	3	34 overall with 6,5,5 at HL	ABB		53
<b>Archaeology and History [BA]</b>	VV30	3	36 overall with 6,6,6 at HL	AAA	History at A-level A or IB HL 6	53/ 81
<b>Architecture [BA]</b>	K100	3	36 overall with 6,6,6 at HL	AAA	A mixture of science/maths and humanities/arts subjects is preferred, but not essential. Art or Fine Art A-levels are particularly welcomed	54
<b>Art History and History [BA]</b>	VV20	3	36 overall with 6,6,6 at HL	AAA	History at A-level A or IB HL 6	81/ 83
<b>Artificial Intelligence [BSc]</b>	G700	3	37 overall with 7,6,6 at HL	A*AA	Mathematics at A-level A or IB HL 6. See website for additional iGCSE/IB SL requirements	63

COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least IGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>Artificial Intelligence [MEng]</b>	G702	4	38 overall with 7,7,6 at HL	A**A A	Mathematics, and at least one Science subject from Computer Science, Further Mathematics, Physics, Chemistry or Biology at A-level or IB HL. See website for additional IGCSE/IB SL requirements	63
<b>Artificial Intelligence with Industrial Experience [BSc]</b>	G701	4	37 overall with 7,6,6 at HL	A**AA	Mathematics at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Artificial Intelligence with Industrial Experience [MEng]</b>	G703	5	38 overall with 7,7,6 at HL	A**A A	Mathematics, and at least one Science subject from Computer Science, Further Mathematics, Physics, Chemistry or Biology at A-level or IB HL. See website for additional IGCSE/IB SL requirements	63
<b>Biochemistry [BSc]</b>	C700	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Chemistry and one of Biology, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Biochemistry [MSci]</b>	2C13	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Chemistry and one of Biology, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Biochemistry with a Modern Language [BSc]</b>	C705	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	A-level - Chemistry and one of Biology, Physics and Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - Chemistry and one other science subject, normally Biology at HL; French, German, Italian or Spanish at HL 5. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements	55
<b>Biochemistry with Industrial/Professional Experience [BSc]</b>	C701	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Chemistry and one of Biology, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Biology [BSc]</b>	C100	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Biology [MSci]</b>	7S49	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Biology with a Modern Language [BSc]</b>	C106	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	A-levels - two of Biology, Chemistry, Physics and Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - two sciences at IB HL, normally Biology and Chemistry. French, German, Italian or Spanish at HL 5 or 6. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements	55
<b>Biology with Industrial/Professional Experience [BSc]</b>	C101	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Biology with Science and Society [BSc]</b>	C1V3	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Biology with Science and Society with Industrial/Professional Experience [BSc]</b>	C1L3	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Biomedical Sciences [BSc]</b>	B940	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Biomedical Sciences [MSci]</b>	6A12	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Biomedical Sciences with a Modern Language [BSc]</b>	B9R9	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	A-levels - two of Biology, Chemistry, Physics and Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - two sciences at IB HL, normally Biology and Chemistry. French, German, Italian or Spanish at HL 5 or 6. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements	55
<b>Biomedical Sciences with Industrial/Professional Experience [BSc]</b>	B941	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Biosciences with a Foundation Year [BSc]</b>	C900	4/5	Students are accepted from a wide range of educational backgrounds and each application will be considered individually. If you have already obtained A-levels (or equivalent) in subjects inappropriate for direct admission to one of our Biological Sciences degree courses (ABB or above), a good standard of GCSE or equivalent in Science and Mathematics will also be required. Students who have taken sciences at A-level but do not achieve ABB or above will only be accepted onto the Foundation Year if there is evidence that they have underperformed due to exceptional circumstances beyond their control. Please contact us to discuss this before you apply			57

COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least IGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>Biotechnology [BSc]</b>	C560	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Biotechnology [MSci]</b>	6Q13	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Biotechnology with Industrial/Professional Experience [BSc]</b>	C561	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Cell Biology [BSc]</b>	C130	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Cell Biology [MSci]</b>	2Y13	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Cell Biology with a Modern Language [BSc]</b>	C132	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	A-levels - two of Biology, Chemistry, Physics and Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - two sciences at IB HL, normally Biology and Chemistry. French, German, Italian or Spanish at HL 5 or 6. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements	55
<b>Cell Biology with Industrial/Professional Experience [BSc]</b>	C131	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Chemical Engineering [BEng]</b>	H800	3	35 overall with 6,6,5, including 6 in Maths at HL	AAB	Mathematics and either Physics or Chemistry at a grade A. IB 35 with 6,6,5, including 6 in HL Maths and either Physics or Chemistry at HL	59
<b>Chemical Engineering [MEng]</b>	H801	4	36 overall with 6,6,6 at HL	AAA	Mathematics and Physics or Chemistry at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	59
<b>Chemical Engineering with Energy and Environment [MEng]</b>	H8F4	4	36 overall with 6,6,6 at HL	AAA	Mathematics and Physics or Chemistry at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	59
<b>Chemical Engineering with Industrial Experience [MEng]</b>	H803	4	37 overall with 7,6,6 at HL	A**AA	Mathematics and Physics or Chemistry at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	59
<b>Chemical Engineering with Study in Europe [MEng]</b>	H810	4	36 overall with 6,6,6 at HL	AAA	Mathematics, Physics or Chemistry at A-level A or IB HL 6. The language to be studied abroad (German, French or Spanish) at A-level A or IB HL 6	59
<b>Chemistry [BSc]</b>	F100	3	36 overall with 6,6,6 at HL	AAA	Chemistry and one other Science or Mathematics subject at A-level or IB HL	60
<b>Chemistry [MChem]</b>	F109	4	37 overall with 7,6,6 at HL	A**AA	Chemistry and one other Science or Mathematics subject at A-level or IB HL	60
<b>Chemistry with Industrial Experience [MChem]</b>	F101	4	37 overall with 7,6,6 at HL	A**AA	Chemistry and one other Science or Mathematics subject at A-level or IB HL	60
<b>Chemistry with International Study [MChem]</b>	F104	4	37 overall with 7,6,6 at HL	A**AA	Chemistry and one other Science or Mathematics subject at A-level or IB HL. See website for additional IGCSE/SL requirements	60
<b>Chemistry with Medicinal Chemistry [BSc]</b>	F150	3	36 overall with 6,6,6 at HL	AAA	Chemistry and one other Science or Mathematics subject at A-level or IB HL	60
<b>Chemistry with Medicinal Chemistry [MChem]</b>	F152	4	37 overall with 7,6,6 at HL	A**AA	Chemistry and one other Science or Mathematics subject at A-level or IB HL	60
<b>Children's Nursing [BNurs]</b>	B730	3	32 overall with 5,5,5 at HL	BBB	Biology, Chemistry, Psychology, Health and Social Care, Applied Science at A-level or IB HL. See website for additional IGCSE/IB SL requirements	100
<b>Chinese and English Language [BA]</b>	QT31	4	34 overall with 6,5,5 at HL	ABB	See website for additional IGCSE/IB SL requirements	88
<b>Chinese and Japanese [BA]</b>	TT12	4	34 overall with 6,5,5 at HL	ABB	Chinese or Japanese at A-level or IB HL	96
<b>Chinese and Linguistics [BA]</b>	TQ11	4	34 overall with 6,5,5 at HL	ABB	See website for additional IGCSE/IB SL requirements	88
<b>Chinese Studies [BA]</b>	T100	4	34 overall with 6,5,5 at HL	ABB	See website for additional IGCSE/IB SL requirements	96
<b>Civil and Structural Engineering [MEng]</b>	H220	4	36 overall with 6,6,6 at HL	AAA	Mathematics, Physics and one other subject at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	61
<b>Civil Engineering [BEng]</b>	H200	3	35 overall with 6,6,5 at HL	AAB	Mathematics, Physics and one other subject at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	61
<b>Civil Engineering (Enterprise) [MEng]</b>	H204	4	36 overall with 6,6,6 at HL	AAA	Mathematics, Physics and one other subject at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	61

IB = International Baccalaureate HL = Higher Level SL = Standard Level

COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least IGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>Civil Engineering [MEng]</b>	H201	4	36 overall with 6,6,6 at HL	AAA	Mathematics, Physics and one other subject at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	61
<b>Civil Engineering with Industrial Experience [MEng]</b>	H207	5	36 overall with 6,6,6 at HL	AAA	Mathematics, Physics and one other subject at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	61
<b>Classical Studies [BA]</b>	Q810	3	34 overall with 6,5,5 at HL	ABB	An essay-based subject such as English Literature, History or Politics at A-level or IB HL	62
<b>Classics [BA]</b>	Q800	3	34 overall with 6,5,5 at HL	ABB	An essay-based subject such as English Literature, History or Politics at A-level or IB HL	62
<b>Cognitive Neuroscience and Psychology [BSc]</b>	BC18	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Cognitive Neuroscience and Psychology [MSci]</b>	BC20	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Cognitive Neuroscience and Psychology with Industrial/Professional Experience [BSc]</b>	BCC8	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Computer Science [BSc]</b>	G400	3	37 overall with 7,6,6 at HL	A*AA	Mathematics at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Computer Science [MEng]</b>	G401	4	38 overall with 7,7,6 at HL	A*A* A	Mathematics and a Science subject at A-level A. Mathematics and a Science subject from Computer Science, Biology, Chemistry or Physics at IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Computer Science and Mathematics [BSc]</b>	GG14	3	37 overall with 7,6,6 at HL	A*AA	Mathematics at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Computer Science and Mathematics with Industrial Experience [BSc]</b>	GG41	4	37 overall with 7,6,6 at HL	A*AA	Mathematics at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Computer Science (Human Computer Interaction) [BSc]</b>	I140	3	37 overall with 7,6,6 at HL	A*AA	Two of Psychology, Physics, Biology, Chemistry, Mathematics, Further Mathematics, Computer Science and Statistics at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Computer Science (Human Computer Interaction) [MEng]</b>	I142	4	38 overall with 7,7,6 at HL	A*A* A	Two of Psychology, Physics, Biology, Chemistry, Mathematics, Further Mathematics, Computer Science and Statistics at A-level A or IB HL 6 or 7. See website for additional IGCSE/IB SL requirements	63
<b>Computer Science (Human Computer Interaction) with Industrial Experience [BSc]</b>	I141	4	37 overall with 7,6,6 at HL	A*AA	Two of Psychology, Physics, Biology, Chemistry, Mathematics, Further Mathematics, Computer Science and Statistics at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Computer Science (Human Computer Interaction) with Industrial Experience [MEng]</b>	I143	5	38 overall with 7,7,6 at HL	A*A* A	Two of Psychology, Physics, Biology, Chemistry, Mathematics, Further Mathematics, Computer Science and Statistics at A-level A or IB HL 6 or 7. See website for additional IGCSE/IB SL requirements	63
<b>Computer Science with Business and Management [BSc]</b>	G4N2	3	37 overall with 7,6,6 at HL	A*AA	Mathematics at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Computer Science with Business and Management with Industrial Experience [BSc]</b>	GNK1	4	37 overall with 7,6,6 at HL	A*AA	Mathematics at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Computer Science with Industrial Experience [BSc]</b>	G405	4	37 overall with 7,6,6 at HL	A*AA	Mathematics at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Computer Science with Industrial Experience [MEng]</b>	I100	5	38 overall with 7,7,6 at HL	A*A* A	Mathematics and at least one Science subject from Computer Science, Further Mathematics, Physics, Chemistry or Biology at A-level or IB HL. See website for additional IGCSE/IB SL requirements	63
<b>Computer Systems Engineering [BEng]</b>	HH66	3	37 overall with 7,6,6 at HL	A*AA	Mathematics at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Computer Systems Engineering [MEng]</b>	GH4P	4	38 overall with 7,7,6 at HL	A*A* A	Mathematics and at least one Science subject from Computer Science, Further Mathematics, Physics, Chemistry or Biology at A-level or IB HL. See website for additional IGCSE/IB SL requirements	63
<b>Computer Systems Engineering with Industrial Experience [BEng]</b>	HHQ6	4	37 overall with 7,6,6 at HL	A*AA	Mathematics at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Computer Systems Engineering with Industrial Experience [MEng]</b>	H650	5	38 overall with 7,7,6 at HL	A*A* A	Mathematics and at least one Science subject from Computer Science, Further Mathematics, Physics, Chemistry or Biology at A-level or IB HL. See website for additional IGCSE/IB SL requirements	63
<b>Criminology [BA]</b>	M901	3	34 overall with 6,5,5 at HL	ABB	See website for additional IGCSE/IB SL requirements	86

COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least IGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>Criminology and Quantitative Methods [BASS]</b>	C856	3	34 overall with 6,5,5 at HL	ABB	At least one of Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages at A-level	86/112
<b>Criminology with International Study [BA]</b>	M904	4	34 overall with 6,5,5 at HL	ABB	See website for additional IGCSE/IB SL requirements	86
<b>Dentistry (first-year entry) [BDS]</b>	A206	5	37 overall with 7,6,6 at HL	AAA	Chemistry and Biology/Human Biology at A-level A or IB HL 6	65
<b>Dentistry (pre-dental entry) [BDS]</b>	A204	6	36 overall with 6,6,6 at HL	AAA	A-levels should mainly be in arts/humanities subjects and should not include Biology and Chemistry. IB HL subjects should include either three arts/humanities subjects or two arts/humanities subjects and one science subject	65
<b>Development Studies [BAEcon]</b>	L900	3	35 overall with 6,6,5 at HL	AAB	At least one of the following at A-level: Accounting, Anthropology, Business Studies, Classics, Economics, English Language/Literature, Further Mathematics, Geography, History, Law, Mathematics, Modern Languages, Philosophy, Politics, Psychology, Religious Studies, Sociology, Use of Mathematics, and World Development. See website for additional IGCSE/IB SL requirements	69
<b>Development Studies and Social Statistics [BA]</b>	LL14	3	35 overall with 6,6,5 at HL	AAB	At least one of the following at A-level: Accounting, Anthropology, Business Studies, Classics, Economics, English Language/Literature, Further Mathematics, Geography, History, Law, Mathematics, Modern Languages, Philosophy, Politics, Psychology, Religious Studies, Sociology, Use of Mathematics, and World Development. See website for additional IGCSE/IB SL requirements	69
<b>Developmental Biology [BSc]</b>	C141	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Developmental Biology [MSci]</b>	3L49	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Developmental Biology with a Modern Language [BSc]</b>	C1R9	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	A-levels - two of Biology, Chemistry, Physics and Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - two sciences at IB HL, normally Biology and Chemistry. French, German, Italian or Spanish at HL 5 or 6. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements	55
<b>Developmental Biology with Industrial/Professional Experience [BSc]</b>	C143	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at Grade A. Two sciences at IB HL, normally Biology and Chemistry	55
<b>Drama [BA]</b>	W400	3	35 overall with 6,6,5 at HL	AAB	An essay-based subject such as English Literature, History or Politics at A-level or IB HL	66
<b>Drama and English Literature [BA]</b>	WQ4H	3	35 overall with 6,6,5 at HL	AAB	English Literature (or Language and Literature, but not Language alone) at A-level A or IB HL 6	66/74
<b>Drama and Screen Studies [BA]</b>	WW46	3	34 overall with 6,5,5 at HL	ABB	An essay-based subject such as English Literature, History or Politics at A-level or IB HL	66
<b>Earth and Planetary Sciences [BSc]</b>	F701	3	35 overall with 6,6,5 at HL	AAB	One science subject at A-level or IB HL	67
<b>Earth and Planetary Sciences [MEarthSci]</b>	F702	4	36 overall with 6,6,6 at HL	AAA	One science subject at A-level or IB HL	67
<b>Earth and Planetary Sciences with Year Abroad [MEarthSci]</b>	F703	5	36 overall with 6,6,6 at HL	AAA	One science subject at A-level or IB HL	67
<b>Earth and Planetary Sciences with Year in Industry [MEarthSci]</b>	F704	5	36 overall with 6,6,6 at HL	AAA	One science subject at A-level or IB HL	67
<b>East Asian Studies [BA]</b>	T300	3	34 overall with 6,5,5 at HL	ABB		96
<b>Economics [BAEcon]</b>	L100	3	35 overall with 6,6,5 at HL	AAB	At least one of the following at A-level: Accounting, Anthropology, Business Studies, Classics, Economics, English Language/Literature, Further Mathematics, Geography, History, Law, Mathematics, Modern Languages, Philosophy, Politics, Psychology, Religious Studies, Sociology, Use of Mathematics, and World Development. See website for additional IGCSE/IB SL requirements	69
<b>Economics [BSc]</b>	L102	3	35 overall with 6,6,5 at HL	AAB	Mathematics at A-level A or IB HL 6. see website for additional IGCSE/IB SL requirements	70

COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least iGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>Economics and Finance [BAEcon]</b>	LN13	3	35 overall with 6,6,5 at HL	AAB	At least one of the following at A-level: Accounting, Anthropology, Business Studies, Classics, Economics, English Language/Literature, Further Mathematics, Geography, History, Law, Mathematics, Modern Languages, Philosophy, Politics, Psychology, Religious Studies, Sociology, Use of Mathematics, and World Development. See website for additional iGCSE/IB SL requirements	49/69
<b>Economics and Philosophy [BAEcon]</b>	LV15	3	35 overall with 6,6,5 at HL	AAB	At least one of the following at A-level: Accounting, Anthropology, Business Studies, Classics, Economics, English Language/Literature, Further Mathematics, Geography, History, Law, Mathematics, Modern Languages, Philosophy, Politics, Psychology, Religious Studies, Sociology, Use of Mathematics, and World Development. See website for additional iGCSE/IB SL requirements	69/103
<b>Economics and Politics [BAEcon]</b>	LL12	3	35 overall with 6,6,5 at HL	AAB	At least one of the following at A-level: Accounting, Anthropology, Business Studies, Classics, Economics, English Language/Literature, Further Mathematics, Geography, History, Law, Mathematics, Modern Languages, Philosophy, Politics, Psychology, Religious Studies, Sociology, Use of Mathematics, and World Development. See website for additional iGCSE/IB SL requirements	69/107
<b>Economics and Social Statistics [BA]</b>	LL15	3	35 overall with 6,6,5 at HL	AAB	At least one of the following at A-level: Accounting, Anthropology, Business Studies, Classics, Economics, English Language/Literature, Further Mathematics, Geography, History, Law, Mathematics, Modern Languages, Philosophy, Politics, Psychology, Religious Studies, Sociology, Use of Mathematics, and World Development. See website for additional iGCSE/IB SL requirements	69
<b>Economics and Sociology [BAEcon]</b>	LL13	3	35 overall with 6,6,5 at HL	AAB	At least one of the following at A-level: Accounting, Anthropology, Business Studies, Classics, Economics, English Language/Literature, Further Mathematics, Geography, History, Law, Mathematics, Modern Languages, Philosophy, Politics, Psychology, Religious Studies, Sociology, Use of Mathematics, and World Development. See website for additional iGCSE/IB SL requirements	69/113
<b>Educational Psychology [BSc]</b>	C812	3	35 overall with 6,6,5 at HL	AAB		71
<b>Electrical and Electronic Engineering [BEng]</b>	H600	3	35 overall with 6,6,5 at HL	AAB	Mathematics and either Physics, Electronics, Further Mathematics or Chemistry at A-level. Mathematics and Physics at IB HL 6	72
<b>Electrical and Electronic Engineering [MEng]</b>	H605	4	36 overall with 6,6,6 at HL	AAA	Mathematics and either Physics, Electronics, Further Mathematics or Chemistry at A-level. Mathematics and Physics at IB HL 6	72
<b>Electrical and Electronic Engineering with Industrial Experience [BEng]</b>	H606	4	35 overall with 6,6,5 at HL	AAB	Mathematics and either Physics, Electronics, Further Mathematics or Chemistry at A-level. Mathematics and Physics at IB HL 6	72
<b>Electrical and Electronic Engineering with Industrial Experience [MEng]</b>	H601	5	36 overall with 6,6,6 at HL	AAA	Mathematics and either Physics, Electronics, Further Mathematics or Chemistry at A-level. Mathematics and Physics at IB HL 6	72
<b>Electronic Engineering [BEng]</b>	H610	3	35 overall with 6,6,5 at HL	AAB	Mathematics and either Physics, Electronics, Further Mathematics or Chemistry at A-level. Mathematics and Physics at IB HL 6	72
<b>Electronic Engineering [MEng]</b>	H614	4	36 overall with 6,6,6 at HL	AAA	Mathematics and either Physics, Electronics, Further Mathematics or Chemistry at A-level. Mathematics and Physics at IB HL 6	72
<b>Electronic Engineering with Industrial Experience [BEng]</b>	H613	4	35 overall with 6,6,5 at HL	AAB	Mathematics and either Physics, Electronics, Further Mathematics or Chemistry at A-level. Mathematics and Physics at IB HL 6	72
<b>Electronic Engineering with Industrial Experience [MEng]</b>	H615	5	36 overall with 6,6,6 at HL	AAA	Mathematics and either Physics, Electronics, Further Mathematics or Chemistry at A-level. Mathematics and Physics at IB HL 6	72
<b>Engineering with an Integrated Foundation Year [BEng]</b>	H108	4/5	See website for further guidance on A-level IB HL requirements and additional iGCSE/IB SL requirements			73
<b>English Language [BA]</b>	Q1Q3	3	35 overall with 6,6,5 at HL	AAB		88
<b>English Language and Arabic [BA]</b>	QT34	4	34 overall with 6,5,5 at HL	ABB	A modern foreign language at A-level/IB HL or iGCSE B/IB SL 5	52/88
<b>English Language and Chinese [BA]</b>	QT31	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	88
<b>English Language and English Literature [BA]</b>	QQ10	3	35 overall with 6,6,5 at HL	AAB	English Literature or English Language and Literature at A-level A or IB HL 6	74/88
<b>English Language and French [BA]</b>	QR31	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	88
<b>English Language and German [BA]</b>	QR32	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	88

COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least iGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>English Language and Italian [BA]</b>	QR33	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	88
<b>English Language and Japanese [BA]</b>	QT32	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	88
<b>English Language and Portuguese [BA]</b>	RQ53	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	88
<b>English Language and Russian [BA]</b>	QR37	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	88
<b>English Language and Spanish [BA]</b>	QR34	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	88
<b>English Language for Education [BA]</b>	X3Q1	3	34 overall with 6,5,5 at HL	ABB		71
<b>English Literature [BA]</b>	Q320	3	36 overall with 6,6,6 at HL	AAA	English Literature or English Language and Literature at A-level or IB HL	74
<b>English Literature and a Modern Language (French) [BA]</b>	RQ13	4	35 overall with 6,6,5 at HL	AAB	English Literature or English Language and Literature at A-level A or IB HL 6. See website for additional iGCSE/IB SL requirements	74
<b>English Literature and a Modern Language (German) [BA]</b>	RQ23	4	34 overall with 6,5,5 at HL	ABB	English Literature or English Language and Literature at A-level A or IB HL 6. See website for additional iGCSE/IB SL requirements	74
<b>English Literature and a Modern Language (Italian) [BA]</b>	RQ33	4	34 overall with 6,5,5 at HL	ABB	English Literature or English Language and Literature at A-level A or IB HL 6. See website for additional iGCSE/IB SL requirements	74
<b>English Literature and a Modern Language (Spanish) [BA]</b>	RQ43	4	35 overall with 6,6,5 at HL	AAB	English Literature or English Language and Literature at A-level A or IB HL 6. See website for additional iGCSE/IB SL requirements	74
<b>English Literature and American Studies [BA]</b>	QT37	3	35 overall with 6,6,5 at HL	AAB	English Literature or English Language and Literature at A-level A or IB HL 6	51/74
<b>English Literature and History [BA]</b>	QV31	3	37 overall with 7,6,6 at HL	A*AA	History and English Literature at A-level or IB HL. The A-level A*/IB HL 7 must be in one of those subjects	74/81
<b>English Literature with Creative Writing [BA]</b>	Q3W8	3	36 overall with 6,6,6 at HL	AAA	English Literature or English Language and Literature at A-level A or IB HL 6	74
<b>Environmental Management [BA]</b>	F851	3	34 overall with 6,5,5 at HL	ABB		105
<b>Environmental Science [BSc]</b>	F900	3	35 overall with 6,6,5 at HL	AAB	One science subject at A-level or IB HL	76
<b>Environmental Science [MEnvSci]</b>	✳	4	36 overall with 6,6,5 at HL	AAA	One science subject at A-level or IB HL	76
<b>Environmental Science with a Year Abroad [MEnvSci]</b>	✳	5	36 overall with 6,6,5 at HL	AAA	One science subject at A-level or IB HL	76
<b>Environmental Science with Industrial Experience [MEnvSci]</b>	✳	5	36 overall with 6,6,5 at HL	AAA	One science subject at A-level or IB HL	76
<b>Fashion Buying and Merchandising [BSc]</b>	6G49	3	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	77
<b>Fashion Management [BSc]</b>	3M89	3/4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	77
<b>Fashion Marketing [BSc]</b>	3S61	3/4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	77
<b>Fashion Technology [BSc]</b>	W245	3/4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	77
<b>Film Studies and Arabic [BA]</b>	PT44	4	35 overall with 6,5,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL. See website for additional iGCSE/IB SL requirements	52/78
<b>Film Studies and Archaeology [BA]</b>	PV40	3	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL	78
<b>Film Studies and Chinese [BA]</b>	PT11	4	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL. See website for additional iGCSE/IB SL requirements	78
<b>Film Studies and East Asian Studies [BA]</b>	PT33	3	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL	78
<b>Film Studies and English Language [BA]</b>	PQ22	3	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL	78/88

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			IB	A-LEVEL		
<b>Film Studies and English Literature [BA]</b>	PQ32	3	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level A or IB HL 6	74/78
<b>Film Studies and French [BA]</b>	PR10	4	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL. See website for additional IGCSE/IB SL requirements	78
<b>Film Studies and German [BA]</b>	PR20	4	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL. See website for additional IGCSE/IB SL requirements	78
<b>Film Studies and History [BA]</b>	PV10	3	35 overall with 6,6,5 at HL	AAB	History at A-level A or IB HL 6	78/81
<b>Film Studies and History of Art [BA]</b>	PV36	3	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL	78/83
<b>Film Studies and Italian [BA]</b>	PR30	4	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL. See website for additional IGCSE/IB SL requirements	78
<b>Film Studies and Japanese [BA]</b>	PT22	4	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL	78
<b>Film Studies and Linguistics [BA]</b>	PQ12	3	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL	78/88
<b>Film Studies and Middle Eastern Studies [BA]</b>	PT55	3	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL	52/78
<b>Film Studies and Portuguese [BA]</b>	PR50	4	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL. See website for additional IGCSE/IB SL requirements	78
<b>Film Studies and Russian [BA]</b>	PR70	4	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL. See website for additional IGCSE/IB SL requirements	78
<b>Film Studies and Spanish [BA]</b>	PR40	4	35 overall with 6,6,5 at HL	AAB	An essay-based subject (such as English Literature, History or Politics) at A-level or IB HL. See website for additional IGCSE/IB SL requirements	78
<b>Finance [BAEcon]</b>	N300	3	35 overall with 6,6,5 at HL	AAB	At least one of the following at A-level: Accounting, Anthropology, Business Studies, Classics, Economics, English Language/Literature, Further Mathematics, Geography, History, Law, Mathematics, Modern Languages, Philosophy, Politics, Psychology, Religious Studies, Sociology, Use of Mathematics, and World Development. See website for additional IGCSE/IB SL requirements	49/69
<b>French and Chinese [BA]</b>	RT11	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the chosen languages to be studied	96
<b>French and German [BA]</b>	RR12	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the chosen languages to be studied	96
<b>French and Italian [BA]</b>	RR13	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the chosen languages to be studied	96
<b>French and Japanese [BA]</b>	RT12	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the chosen languages to be studied	96
<b>French and Linguistics [BA]</b>	RQ11	4	34 overall with 6,5,5 at HL	ABB	See website for additional IGCSE/IB SL requirements	88
<b>French and Portuguese [BA]</b>	RR15	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the languages to be studied	96
<b>French and Russian [BA]</b>	RR17	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the languages to be studied	96
<b>French and Spanish [BA]</b>	RR14	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the languages to be studied	96
<b>French Studies [BA]</b>	R110	4	34 overall with 6,5,5 at HL	ABB	See website for additional IGCSE/IB SL requirements	96
<b>Genetics [BSc]</b>	C400	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level/IB HL, with at least one at A/6	55
<b>Genetics [MSci]</b>	6V14	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level/IB HL, with at least one at A/6	55
<b>Genetics with a Modern Language [BSc]</b>	C402	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	A-levels - two of Biology, Chemistry, Physics and Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - two sciences at IB HL, normally Biology and Chemistry. French, German, Italian or Spanish at HL 5 or 6. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements	55
<b>Genetics with Industrial/Professional Experience [BSc]</b>	C401	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level/IB HL, with at least one at A/6	55
<b>Geography [BA]</b>	L700	3	35 overall with 6,6,5 at HL	AAB		80

COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least IGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>Geography [BA]</b>	L700	3	35 overall with 6,6,5 at HL	AAB		80
<b>Geography [BSc]</b>	F802	3	35 overall with 6,6,5 at HL	AAB		80
<b>Geography with International Study [BA]</b>	LF78	4	36 overall with 6,6,6 at HL	AAA		80
<b>Geography with International Study [BSc]</b>	FL87	4	36 overall with 6,6,6 at HL	AAA		80
<b>German and Portuguese [BA]</b>	RR25	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the languages to be studied	96
<b>German and Chinese [BA]</b>	RT21	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the languages to be studied	96
<b>German and Italian [BA]</b>	RR23	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the languages to be studied	96
<b>German and Japanese [BA]</b>	RT22	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the languages to be studied	96
<b>German and Linguistics [BA]</b>	RQ21	4	34 overall with 6,5,5 at HL	ABB	See website for additional IGCSE/IB SL requirements	88
<b>German and Russian [BA]</b>	RR27	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the languages to be studied	96
<b>German and Spanish [BA]</b>	RR24	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the languages to be studied	96
<b>German Studies [BA]</b>	R210	4	34 overall with 6,5,5 at HL	ABB	See website for additional IGCSE/IB SL requirements	96
<b>History [BA]</b>	V100	3	36 overall with 6,6,6 at HL	AAA	History at A-level A or IB HL 6	81
<b>History and American Studies [BA]</b>	VT17	3	35 overall with 6,6,5 at HL	AAB	History at A-level A or IB HL 6	51/81
<b>History and Arabic [BA]</b>	VT33	4	34 overall with 6,5,5 at HL	ABB	History at A-level A or IB HL 6 plus English Language at A-level or IB HL or IGCSE Grade B/IB SL 5 in a Modern Foreign Language	81
<b>History and French [BA]</b>	VR11	4	35 overall with 6,6,5 at HL	AAB	History at A-level A or IB HL 6 plus English Language at A-level or IB HL or IGCSE Grade B/IB SL 5 in a Modern Foreign Language	81
<b>History and German [BA]</b>	VR12	4	34 overall with 6,5,5 at HL	ABB	History at A-level A or IB HL 6 plus English Language at A-level or IB HL or IGCSE Grade B/IB SL 5 in a Modern Foreign Language	81
<b>History and Italian [BA]</b>	RV31	4	34 overall with 6,5,5 at HL	ABB	History at A-level A or IB HL 6 plus English Language at A-level or IB HL or IGCSE Grade B/IB SL 5 in a Modern Foreign Language	81
<b>History and Portuguese [BA]</b>	RV51	4	34 overall with 6,5,5 at HL	ABB	History at A-level A or IB HL 6 plus English Language at A-level or IB HL or IGCSE Grade B/IB SL 5 in a Modern Foreign Language	81
<b>History and Russian [BA]</b>	RV71	4	34 overall with 6,5,5 at HL	ABB	History at A-level A or IB HL 6 plus English Language at A-level or IB HL or IGCSE Grade B/IB SL 5 in a Modern Foreign Language	81
<b>History and Sociology [BA]</b>	VL13	3	34 overall with 6,5,5 at HL	ABB	History or Sociology at A-level A or IB HL 6	81
<b>History and Spanish [BA]</b>	VR14	4	35 overall with 6,6,5 at HL	AAB	History at A-level A or IB HL 6 plus English Language at A-level or IB HL or IGCSE Grade B/IB SL 5 in a Modern Foreign Language	81
<b>History of Art [BA]</b>	V360	3	34 overall with 6,5,5 at HL	ABB		83
<b>Immunology [BSc]</b>	C550	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level/ IB HL, with at least one at A/IB HL 6	55
<b>Immunology [MSci]</b>	C55M	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level/ IB HL, with at least one at A/IB HL 6	55
<b>Immunology with a Modern Language [BSc]</b>	C55L	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	A-levels - two of Biology, Chemistry, Physics and Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - two sciences at IB HL, normally Biology and Chemistry. French, German, Italian or Spanish at HL 5 or 6. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements	55
<b>Immunology with Industrial/Professional Experience [BSc]</b>	C55P	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level/ IB HL, with at least one at A/IB HL 6	55

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			IB	A-LEVEL		
<b>Information Technology Management for Business [BSc]</b>	GN51	3	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Information Technology Management for Business with Industrial Experience [BSc]</b>	GN5C	4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>International Business, Finance and Economics [BSc]</b>	N1N3	3	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>International Business, Finance and Economics with Industrial/Professional Experience [BSc]</b>	N1N4	4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>International Disaster Management and Humanitarian Response [BSc]</b>	VL38	3	35 overall with 6,6,5 at HL	AAB		84
<b>International Management [BSc]</b>	N247	4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>International Management with American Business Studies [BSc]</b>	N2T7	4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Italian and Chinese [BA]</b>	RT31	4	34 overall with 6,5,5 at HL	ABB	A-level/IB HL in one of the chosen languages to be studied	96
<b>Italian and Japanese [BA]</b>	RT32	4	34 overall with 6,5,5 at HL	ABB	A-level/IB HL in one of the chosen languages to be studied	96
<b>Italian and Linguistics [BA]</b>	RQ31	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	88/ 96
<b>Italian and Portuguese [BA]</b>	RR35	4	34 overall with 6,5,5 at HL	ABB	A-level/IB HL in one of the chosen languages to be studied	96
<b>Italian and Russian [BA]</b>	RR37	4	34 overall with 6,5,5 at HL	ABB	A-level/IB HL in one of the chosen languages to be studied	96
<b>Italian and Spanish [BA]</b>	RR34	4	34 overall with 6,5,5 at HL	ABB	A-level/IB HL in one of the chosen languages to be studied	96
<b>Italian Studies [BA]</b>	R300	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	96
<b>Japanese Studies [BA]</b>	T200	4	34 overall with 6,5,5 at HL	ABB		97
<b>Latin and English Literature [BA]</b>	QQ36	3	34 overall with 6,5,5 at HL	ABB	English Literature or English Language and Literature at A-level A or IB HL 6	62
<b>Latin and Italian [BA]</b>	QR63	4	34 overall with 6,5,5 at HL	ABB	Latin or Italian at A-level or IB HL	62
<b>Latin and Linguistics [BA]</b>	QQ61	3	34 overall with 6,5,5 at HL	ABB	At least one essay-based subject at A-level or IB HL	62
<b>Latin and Spanish [BA]</b>	QR64	4	34 overall with 6,5,5 at HL	ABB	Latin or Spanish at A-level or IB HL	62
<b>Latin and French [BA]</b>	Q6R1	4	34 overall with 6,5,5 at HL	ABB	Latin or French at A-level or IB HL	62
<b>Law [LLB]</b>	M100	3	36 overall with 6,6,6 at HL	AAA	See website for additional iGCSE/IB SL requirements	86
<b>Law with Criminology [LLB]</b>	M1M9	3	36 overall with 6,6,6 at HL	AAA	See website for additional iGCSE/IB SL requirements	86
<b>Law with Criminology and International Study [LLB]</b>	M1L7	4	36 overall with 6,6,6 at HL	AAA	See website for additional iGCSE/IB SL requirements	86
<b>Law with International Study [LLB]</b>	M101	4	36 overall with 6,6,6 at HL	AAA	See website for additional iGCSE/IB SL requirements	86
<b>Law with Politics [LLB]</b>	LM21	3	36 overall with 6,6,6 at HL	AAA	See website for additional iGCSE/IB SL requirements	86
<b>Law with Politics and International Study [LLB]</b>	M1LF	4	36 overall with 6,6,6 at HL	AAA	See website for additional iGCSE/IB SL requirements	86
<b>Life Sciences [BSc]</b>	C102	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level/IB HL, with at least one at A/ IB HL 6	55

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			IB	A-LEVEL		
<b>Life Sciences with a Modern Language [BSc]</b>	C103	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	A-levels - two of Biology, Chemistry, Physics and Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - two sciences at IB HL, normally Biology and Chemistry. French, German, Italian or Spanish at HL 5 or 6. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements	55
<b>Life Sciences with Industrial/Professional Experience [BSc]</b>	C105	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level/IB HL, with at least one at A/IB HL 6	55
<b>Linguistics [BA]</b>	Q100	3	34 overall with 6,5,5 at HL	ABB		88
<b>Linguistics and Arabic [BA]</b>	QT33	4	34 overall with 6,5,5 at HL	ABB	A Modern Foreign Language at A-level/IB HL or iGCSE Grade B/IB SL 5	52/ 88
<b>Linguistics and Japanese [BA]</b>	QT12	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	88
<b>Linguistics and Portuguese [BA]</b>	QR15	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	88
<b>Linguistics and Russian [BA]</b>	QR17	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	88
<b>Linguistics and Social Anthropology [BA]</b>	QL16	3	34 overall with 6,5,5 at HL	ABB		88
<b>Linguistics and Sociology [BA]</b>	QL13	3	34 overall with 6,5,5 at HL	ABB		88
<b>Linguistics and Spanish [BA]</b>	QR14	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	88
<b>Management [BSc]</b>	N201	3	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Management (Accounting and Finance) [BSc]</b>	NN24	3	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Management (Accounting and Finance) with Industrial/Professional Experience [BSc]</b>	NN25	4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Management (Human Resources) [BSc]</b>	N600	3	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Management (Human Resources) with Industrial/Professional Experience [BSc]</b>	N601	4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Management (Innovation, Strategy and Entrepreneurship) [BSc]</b>	N200	3	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Management (Innovation, Strategy and Entrepreneurship) with Industrial/Professional Experience [BSc]</b>	N202	4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Management (International Business Economics) [BSc]</b>	N246	3	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Management (International Business Economics) with Industrial/Professional Experience [BSc]</b>	N248	4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Management (Marketing) [BSc]</b>	N2N5	3	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Management (Marketing) with Industrial/Professional Experience [BSc]</b>	N2N6	4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Management (Sustainable and Ethical Business) [BSc]</b>	N234	3	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Management (Sustainable and Ethical Business) with Industrial/Professional Experience [BSc]</b>	N235	4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57
<b>Management with Industrial/Professional Experience [BSc]</b>	N203	4	35 overall with 6,6,5 at HL	AAB	See website for additional iGCSE/IB SL requirements	57

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			IB	A-LEVEL		
<b>Management, Leadership and Leisure [BA]</b>	N871	3	34 overall with 6,5,5 at HL	ABB		90
<b>Materials Science and Engineering [BSc]</b>	J500	3	35 overall with 6,6,5 at HL	AAB	Two of Mathematics, Physics and Chemistry at A-level/IB HL. See website for additional IGCSE/IB SL requirements	91
<b>Materials Science and Engineering [MEng]</b>	J501	4	36 overall with 6,6,6 at HL	AAA	Two of Mathematics, Physics and Chemistry at A-level/IB HL. See website for additional IGCSE/IB SL requirements	91
<b>Materials Science and Engineering with Biomaterials [MEng]</b>	F201	4	36 overall with 6,6,6 at HL	AAA	Two of Mathematics, Physics and Chemistry at A-level/IB HL. See website for additional IGCSE/IB SL requirements	91
<b>Materials Science and Engineering with Corrosion [MEng]</b>	F203	4	36 overall with 6,6,6 at HL	AAA	Two of Mathematics, Physics and Chemistry at A-level/IB HL. See website for additional IGCSE/IB SL requirements	91
<b>Materials Science and Engineering with Metallurgy [MEng]</b>	F200	4	36 overall with 6,6,6 at HL	AAA	Two of Mathematics, Physics and Chemistry at A-level/IB HL. See website for additional IGCSE/IB SL requirements	91
<b>Materials Science and Engineering with Polymers [MEng]</b>	F204	4	36 overall with 6,6,6 at HL	AAA	Two of Mathematics, Physics and Chemistry at A-level/IB HL. See website for additional IGCSE/IB SL requirements	91
<b>Materials Science and Engineering with Textiles Technology [MEng]</b>	F205	4	36 overall with 6,6,6 at HL	AAA	Two of Mathematics, Physics and Chemistry at A-level/IB HL. See website for additional IGCSE/IB SL requirements	91
<b>Mathematics [BSc]</b>	G100	3	36 overall with 6,6,6 at HL	A*AA-AAA	Mathematics at A-level or IB HL	92
<b>Mathematics [MMath]</b>	G104	4	36 overall with 6,6,6 at HL	A*AA-AAA	Mathematics at A-level or IB HL	92
<b>Mathematics and Philosophy [BSc]</b>	GV15	3	36 overall with 6,6,6 at HL	A*AA-AAA	Mathematics at A-level or IB HL	92
<b>Mathematics and Physics [BSc]</b>	FG31	3	38-37 overall with 7,7,6 to 7,6,6 at HL	A*AA-A*AA	Physics and Mathematics at A-level or IB HL	104
<b>Mathematics and Physics [MMathandPhys]</b>	FG3C	4	38-37 overall with 7,7,6 to 7,6,6 at HL	A*AA-A*AA	Physics and Mathematics at A-level or IB HL	104
<b>Mathematics and Statistics [BSc]</b>	GGC3	3	36 overall with 6,6,6 at HL	A*AA-AAA	Mathematics at A-level or IB HL	92
<b>Mathematics and Statistics [MMath]</b>	GG13	4	36 overall with 6,6,6 at HL	A*AA-AAA	Mathematics at A-level or IB HL	92
<b>Mathematics with a Modern Language [BSc]</b>	G1R9	4	36 overall with 6,6,6 at HL	A*AA-AAA	Mathematics at A-level or IB HL. French, German or Spanish at A-level or IB HL are required to study the language with Mathematics	92
<b>Mathematics with Finance [BSc]</b>	G1N3	3	36 overall with 6,6,6 at HL	A*AA-AAA	Mathematics at A-level or IB HL	92
<b>Mathematics with Financial Mathematics [BSc]</b>	G1NH	3	36 overall with 6,6,6 at HL	A*AA-AAA	Mathematics at A-level or IB HL	92
<b>Mathematics with Financial Mathematics [MMath]</b>	G1NJ	4	36 overall with 6,6,6 at HL	A*AA-AAA	Mathematics at A-level or IB HL	92
<b>Mechanical Engineering [BEng]</b>	H300	3	35 overall with 6,6,5 at HL	AAB	Mathematics, Physics and one other subject at A-level or IB HL. See website for additional IGCSE/IB SL requirements	93
<b>Mechanical Engineering [MEng]</b>	H303	4	36 overall with 6,6,6 at HL	AAA	Mathematics, Physics and one other subject at A-level or IB HL 6. See website for additional IGCSE/IB SL requirements	93
<b>Mechanical Engineering with Industrial Experience [MEng]</b>	H301	5	36 overall with 6,6,6 at HL	AAA	Mathematics, Physics and one other subject at A-level or IB HL 6. See website for additional IGCSE/IB SL requirements	93
<b>Mechanical Engineering with Management [BEng]</b>	H3N1	3	35 overall with 6,6,5 at HL	AAB	Mathematics, Physics and one other subject at A-level or IB HL. See website for additional IGCSE/IB SL requirements	93
<b>Mechanical Engineering with Management [MEng]</b>	H3ND	4	36 overall with 6,6,5 at HL	AAA	Mathematics, Physics and one other subject at A-level or IB HL 6. See website for additional IGCSE/IB SL requirements	93
<b>Mechatronic Engineering [BEng]</b>	HH36	3	35 overall with 6,6,5 at HL	AAB	Mathematics and either Physics, Electronics, Further Mathematics or Chemistry at A-level. Mathematics and Physics at IB HL 6	72
<b>Mechatronic Engineering [MEng]</b>	HHH6	4	36 overall with 6,6,5 at HL	AAA	Mathematics and either Physics, Electronics, Further Mathematics or Chemistry at A-level. Mathematics and Physics at IB HL 6	72
<b>Mechatronic Engineering with Industrial Experience [BEng]</b>	HH63	4	35 overall with 6,6,5 at HL	AAB	Mathematics and either Physics, Electronics, Further Mathematics or Chemistry at A-level. Mathematics and Physics at IB HL 6	72

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			IB	A-LEVEL		
<b>Mechatronic Engineering with Industrial Experience [MEng]</b>	HHP3	5	36 overall with 6,6,6 at HL	AAA	Mathematics and either Physics, Electronics, Further Mathematics or Chemistry at A-level. Mathematics and Physics at IB HL 6	72
<b>Medical Biochemistry [BSc]</b>	C724	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Chemistry and one of Biology, Physics and Mathematics at A-level/IB HL, with at least one at A/IB HL 6	55
<b>Medical Biochemistry [MSci]</b>	6K47	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Chemistry and one of Biology, Physics and Mathematics at A-level/IB HL, with at least one at A/IB HL 6	55
<b>Medical Biochemistry with Industrial/Professional Experience [BSc]</b>	C741	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Chemistry and one of Biology, Physics and Mathematics at A-level/IB HL, with at least one at A/IB HL 6	55
<b>Medical Physiology [BSc]</b>	B120	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Medical Physiology [MSci]</b>	3A48	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Medical Physiology with a Modern Language [BSc]</b>	B122	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	A-levels - two of Biology, Chemistry, Physics and Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - two sciences at IB HL, normally Biology and Chemistry. French, German, Italian or Spanish at HL 5 or 6. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements	55
<b>Medical Physiology with Industrial/Professional Experience [BSc]</b>	B121	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Medicine [MBChB]</b>	A106	5	37 overall with 7,6,6 at HL	AAA	Chemistry or Biology/Human Biology and one of Physics, Psychology, Mathematics or Further Mathematics at A-level or IB HL. See website for additional IGCSE/IB SL requirements	94
<b>Medicine (including Foundation Year) [MBChB]</b>	A104	6	36 overall with 6,6,6 at HL	AAA	Three arts/humanities subjects or two arts/humanities subjects and one science subject at A-level or IB HL. See website for additional IGCSE/IB SL requirements	94
<b>Mental Health Nursing [BNurs]</b>	B762	3	32 overall with 5,5,5 at HL	BCC	One Science such as Biology, Chemistry, Psychology, Health and Social Care or Applied Science at A-level or IB HL	100
<b>Microbiology [BSc]</b>	C500	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Microbiology [MSci]</b>	7A22	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Microbiology with a Modern Language [BSc]</b>	C502	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	A-levels - two of Biology, Chemistry, Physics Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - two sciences at IB HL, normally Biology & Chemistry. French, German, Italian or Spanish at HL 5 or 6. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements.	55
<b>Microbiology with Industrial/Professional Experience [BSc]</b>	C501	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Middle Eastern Studies [BA]</b>	T601	3	34 overall with 6,5,5 at HL	ABB		52/96
<b>Midwifery [BMidwif]</b>	B720	3	35-34 overall with 6,6,5 to 6,5,5 at HL	AAB-ABB	Lower requirement applies to students with Biology or Chemistry at A-level IB HL. Higher requirement applies to applicants without Biology or Chemistry A-level but with another relevant science/social science-based subject such as Psychology, Sociology or Geography	95
<b>Modern History with Economics [BA]</b>	V136	3	34 overall with 6,5,5 at HL	ABB	History, plus either Economics or Mathematics at A-level or IB HL. The A/IB HL 6 must be in one of these three subjects	81
<b>Modern Language and Business and Management (Arabic) [BA]</b>	TN61	4	34 overall with 6,5,5 at HL	ABB	See website for additional IGCSE/IB SL requirements	52/96
<b>Modern Language and Business and Management (Chinese) [BA]</b>	NT11	4	34 overall with 6,5,5 at HL	ABB	See website for additional IGCSE/IB SL requirements	96

COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least IGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>Modern Language and Business and Management (French) [BA]</b>	NR11	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	96
<b>Modern Language and Business and Management (German) [BA]</b>	NR12	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	96
<b>Modern Language and Business and Management (Italian) [BA]</b>	NR13	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	96
<b>Modern Language and Business and Management (Japanese) [BA]</b>	TN92	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	96
<b>Modern Language and Business and Management (Portuguese) [BA]</b>	NR15	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	96
<b>Modern Language and Business and Management (Russian) [BA]</b>	NR17	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	96
<b>Modern Language and Business and Management (Spanish) [BA]</b>	NR14	4	34 overall with 6,5,5 at HL	ABB	See website for additional iGCSE/IB SL requirements	96
<b>Molecular Biology [BSc]</b>	C720	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Chemistry and one of Biology, Physics and Mathematics at A-level, with at least one at A. Chemistry and another science subject, normally Biology at IB HL	55
<b>Molecular Biology [MSci]</b>	2W74	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Chemistry and one of Biology, Physics and Mathematics at A-level, with at least one at A. Chemistry and another science subject, normally Biology at IB HL	55
<b>Molecular Biology with a Modern Language [BSc]</b>	C722	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	A-level - Chemistry and one of Biology, Physics and Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - Chemistry and one other science subject, normally Biology at HL; French, German, Italian or Spanish at HL 5. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements	55
<b>Molecular Biology with Industrial/Professional Experience [BSc]</b>	C702	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Chemistry and one of Biology, Physics and Mathematics at A-level, with at least one at A. Chemistry and another science subject, normally Biology at IB HL	55
<b>Music [MusB]</b>	W302	3	35 overall with 6,6,5 at HL	AAB	Music at A-level A or IB HL 6. Alternatively, where a candidate is not taking A-level or IB HL music, AAB plus ABRSM Grade 8 Theory at Merit. Associated Board (or equivalent examinations) Grade 8 Practical, preferably at Distinction, on an instrument or voice is required in both scenarios	98
<b>Music [MusB and Graduate Diploma]</b>	Apply via <a href="http://www.ucas.ac.uk">www.ucas.ac.uk</a> by 1 October, code 399F					98
<b>Music and Drama [BA]</b>	WW34	3	35 overall with 6,6,5 at HL	AAB	Music at A-level A or IB HL 6. Alternatively, where a candidate is not taking A-level or IB HL music, AAB plus ABRSM Grade 8 Theory at Merit. Associated Board (or equivalent examinations) Grade 8 Practical, preferably at Distinction, on an instrument or voice is required in both scenarios	98
<b>Neuroscience [BSc]</b>	B140	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Neuroscience [MSci]</b>	3L47	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Neuroscience with a Modern Language [BSc]</b>	B144	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	A-levels - two of Biology, Chemistry, Physics Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - two sciences at IB HL, normally Biology & Chemistry. French, German, Italian or Spanish at HL 5 or 6. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements.	55
<b>Neuroscience with Industrial/Professional Experience [BSc]</b>	B143	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Optometry [BSc]</b>	B510	3	35 overall with 6,6,5	AAB	Two of Biology, Mathematics, Physics or Chemistry at A-level A or IB HL 6. See website for additional iGCSE/IB SL requirements	100

COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least IGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>Optometry [MSci]</b>	B511	4	35 overall with 6,6,5	AAB	Two of Biology, Mathematics, Physics or Chemistry at A-level A or IB HL 6. See website for additional iGCSE/IB SL requirements	100
<b>Oral Health Science [BSc]</b>	B840	3	34 overall with 6,5,5	ABB	Biology at A-level or IB HL. See website for additional iGCSE/IB SL requirements	65
<b>Pharmacology [BSc]</b>	B210	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Pharmacology [MSci]</b>	2K46	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Pharmacology and Physiology [BSc]</b>	BB12	3	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Pharmacology and Physiology with Industrial/Professional Experience [BSc]</b>	BBC2	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Pharmacology with a Modern Language [BSc]</b>	B212	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	A-levels - two of Biology, Chemistry, Physics Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - two sciences at IB HL, normally Biology & Chemistry. French, German, Italian or Spanish at HL 5 or 6. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements.	55
<b>Pharmacology with Industrial/Professional Experience [BSc]</b>	B211	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Pharmacy [MPharm]</b>	B230	4	35-34 overall with 6,6,5 to 6,5,5 at HL	AAB-ABB	Chemistry, plus either Mathematics or Biology, at A-level A and IB HL 6	102
<b>Pharmacy with a Foundation Year [MPharm]</b>	B231	5	35-33 overall with 6,6,5 at HL		Arts-based A-levels or IB HLs. Students are accepted from a wide range of educational backgrounds and each application will be considered individually	101
<b>Philosophy [BA]</b>	V500	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional iGCSE or IB SL requirements	103
<b>Philosophy and Criminology [BASS]</b>	VL53	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional iGCSE or IB SL requirements	103 / 112
<b>Philosophy and Politics [BASS]</b>	VL52	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional iGCSE or IB SL requirements	103 / 107 / 112
<b>Philosophy and Quantitative Methods [BASS]</b>	P567	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional iGCSE or IB SL requirements	103 / 112

COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least iGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>Physics [BSc]</b>	F300	3	38-37 overall with 7,7,6 to 7,6,6 at HL	A**A-A A**AA	A-level Physics and Maths required	104
<b>Physics [MPhys]</b>	F305	4	38-37 overall with 7,7,6 to 7,6,6 at HL	A**A-A - A**AA	A-level Physics and Maths required	104
<b>Physics with Astrophysics [BSc]</b>	F3F5	3	38-37 overall with 7,7,6 to 7,6,6 at HL	A**A-A A**AA	A-level Physics and Maths required	104
<b>Physics with Astrophysics [MPhys]</b>	F3FA	4	38-37 overall with 7,7,6 to 7,6,6 at HL	A**A-A A**AA	A-level Physics and Maths required	104
<b>Physics with Philosophy [BSc]</b>	F3V5	3	38-37 overall with 7,7,6 to 7,6,6 at HL	A**A-A A**AA	A-level Physics and Maths required	104
<b>Physics with Philosophy [MPhys]</b>	F3VM	4	38-37 overall with 7,7,6 to 7,6,6 at HL	A**A-A A**AA	A-level Physics and Maths required	104
<b>Physics with Study in Europe [MPhys]</b>	F301	4	38-37 overall with 7,7,6 to 7,6,6 at HL	A**A-A A**AA	A-level Physics and Maths required	104
<b>Physics with Theoretical Physics [BSc]</b>	F345	3	38-37 overall with 7,7,6 to 7,6,6 at HL	A**A-A A**AA	A-level Physics and Maths required	104
<b>Physics with Theoretical Physics [MPhys]</b>	F346	4	38-37 overall with 7,7,6 to 7,6,6 at HL	A**A-A A**AA	A-level Physics and Maths required	104
<b>Planning [MPlan Integrated Master's]</b>	K401	4	34 overall with 6,5,5 at HL	ABB		105
<b>Planning and Real Estate [BSc]</b>	K430	4	34 overall with 6,5,5 at HL	ABB		105
<b>Planning with Real Estate [MPRE Integrated Master's]</b>	1G23	3	34 overall with 6,5,5 at HL	ABB		105
<b>Plant Science [BSc]</b>	C200	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Plant Science [MSci]</b>	6D43	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Plant Science with a Modern Language [BSc]</b>	C201	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	A-levels - two of Biology, Chemistry, Physics Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - two sciences at IB HL, normally Biology & Chemistry, French, German, Italian or Spanish at HL 5 or 6. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements.	55
<b>Plant Science with Industrial/Professional Experience [BSc]</b>	C202	4	36-33 overall with 6,6,6 to 6,5,5 at HL	AAA- ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Politics and Arabic [BA]</b>	LT26	4	34 overall with 6,5,5 at HL	ABB	English Language at A-level or iGCSE in a Modern Foreign Language at B	52
<b>Politics and Chinese [BA]</b>	LT21	4	34 overall with 6,5,5 at HL	ABB	English Language at A-level/IB HL or iGCSE/IB SL in a Modern Foreign Language at B/IB SL 5	96
<b>Politics and Criminology [BASS]</b>	LM29	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional iGCSE/IB SL requirements	107 / 112
<b>Politics and French [BA]</b>	LR21	4	34 overall with 6,5,5 at HL	ABB	English Language at A-level/IB HL or iGCSE/IB SL in a Modern Foreign Language at B/IB SL 5	96

COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least iGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>Politics and German [BA]</b>	LR22	4	34 overall with 6,5,5 at HL	ABB	English Language at A-level/IB HL or iGCSE/IB SL in a Modern Foreign Language at B/IB SL 5	96
<b>Politics and International Relations [BSocSc]</b>	L200	3	35 overall with 6,6,5 at HL	AAB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional iGCSE/IB SL requirements	107
<b>Politics and Italian [BA]</b>	LR23	4	34 overall with 6,5,5 at HL	ABB	English Language at A-level/IB HL or iGCSE/IB SL in a Modern Foreign Language at B/IB SL 5	96
<b>Politics and Japanese [BA]</b>	LT22	4	34 overall with 6,5,5 at HL	ABB	English Language at A-level/IB HL or iGCSE/IB SL in a Modern Foreign Language at B/IB SL 5	96
<b>Politics and Modern History [BA]</b>	VL12	3	35 overall with 6,6,5 at HL	AAB	History, Government or Politics at A-level A or IB HL 6	81
<b>Politics and Portuguese [BA]</b>	LR25	4	34 overall with 6,5,5 at HL	ABB	English Language at A-level/IB HL or iGCSE/IB SL in a Modern Foreign Language at B/IB SL 5	96
<b>Politics and Quantitative Methods [BASS]</b>	P467	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional iGCSE/IB SL requirements	107/ 112
<b>Politics and Russian [BA]</b>	LR27	4	33 overall with 6,5,5 at HL	ABB	English Language at A-level/IB HL or iGCSE/IB SL in a Modern Foreign Language at B/IB SL 5	96
<b>Politics and Social Anthropology [BASS]</b>	LL26	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional iGCSE/IB SL requirements	107/ 112
<b>Politics and Sociology [BASS]</b>	LL23	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional iGCSE/IB SL requirements	107/ 112/ 113
<b>Politics and Spanish [BA]</b>	LR24	4	34 overall with 6,5,5 at HL	ABB	English Language at A-level/IB HL or iGCSE/IB SL in a Modern Foreign Language at B/IB SL 5	96
<b>Politics, Philosophy and Economics [BA]</b>	LV25	3/ 4	36 overall with 6,6,6 at HL	AAA	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional iGCSE/IB SL requirements	108
<b>Portuguese and Chinese [BA]</b>	RT51	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the languages to be studied required	96
<b>Portuguese and Japanese [BA]</b>	TR25	4	34 overall with 6,5,5 at HL	ABB	A-level or IB HL in one of the languages to be studied required	96
<b>Psychology [BSc]</b>	C800	3	35 overall with 6,6,5 at HL	AAB	A science subject (Biology, Chemistry, Physics, Mathematics or Psychology) at A-level or IB HL. See website for additional iGCSE/IB SL requirements	109
<b>Religion and Anthropology [BA]</b>	VL66	3	34 overall with 6,5,5 at HL	ABB		110

COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least IGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>Religions and Theology [BA]</b>	V600	4	34 overall with 6,5,5 at HL	ABB		110
<b>Russian and Chinese [BA]</b>	RT71	4	34 overall with 6,5,5 at HL	ABB	One of the chosen languages to be studied at A-level or IB HL	96
<b>Russian and Japanese [BA]</b>	RT72	4	34 overall with 6,5,5 at HL	ABB	One of the chosen languages to be studied at A-level or IB HL	96
<b>Russian and Portuguese [BA]</b>	RR57	4	34 overall with 6,5,5 at HL	ABB	One of the chosen languages to be studied at A-level or IB HL	96
<b>Russian and Spanish [BA]</b>	RR74	4	34 overall with 6,5,5 at HL	ABB	One of the chosen languages to be studied at A-level or IB HL	96
<b>Russian Studies [BA]</b>	R700	4/5	34 overall with 6,5,5 at HL	ABB	GCSE Grade B/6 in a Modern Foreign Language.	96
<b>Science with an Integrated Foundation Year [BSc]</b>	F008	4	See website for further guidance on A-level IB HL requirements and additional IGCSE/IB SL requirements			73
<b>Social Anthropology [BSocSc]</b>	L600	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional IGCSE/IB SL requirements	111
<b>Social Anthropology and Criminology [BASS]</b>	LM69	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional IGCSE/IB SL requirements	112
<b>Social Anthropology and Philosophy [BASS]</b>	LV65	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional IGCSE/IB SL requirements	103 / 112
<b>Social Anthropology and Quantitative Methods [BA]</b>	S456	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional IGCSE/IB SL requirements	112
<b>Social Anthropology and Sociology [BASS]</b>	LL63	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional IGCSE/IB SL requirements	112 / 113
<b>Sociology [BSocSc]</b>	L300	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional IGCSE/IB SL requirements	113
<b>Sociology and Criminology [BASS]</b>	LM39	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional IGCSE/IB SL requirements	112 / 113

COURSE	UCAS	LENGTH	TYPICAL ENTRY REQUIREMENTS		ADDITIONAL A-LEVEL AND IB HIGHER LEVEL (HL) REQUIREMENTS (Please note that applicants must demonstrate a broad general education including acceptable levels of literacy and numeracy equivalent to at least IGCSE Grade C or IB SL 5 in English Language and Mathematics)	PAGE
			IB	A-LEVEL		
<b>Sociology and Philosophy [BASS]</b>	LV35	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional IGCSE/IB SL requirements	103 / 112 / 113
<b>Sociology and Quantitative Methods [BASS]</b>	52L8	3	34 overall with 6,5,5 at HL	ABB	At least one of the following at A-level: Accounting; Economics; Finance; Business Studies; Development Studies; Government and Politics; Economic and Social History; Mathematics; Anthropology; Sociology; Philosophy; Religious Studies; English Language; English Literature; Geography; Psychology; Classical Civilisation; History; Archaeology; Communication Studies; Environmental Studies; World Development; Biology; Chemistry; Physics; Modern Languages. See website for additional IGCSE/IB SL requirements	112 / 113
<b>Software Engineering [BSc]</b>	GG6K	4	37 overall with 7,6,6 at HL	A*AA	Mathematics at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Software Engineering with Industrial Experience [BSc]</b>	G603	4	37 overall with 7,6,6 at HL	A*AA	Mathematics at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Software Engineering [MEng]</b>	GG64	5	38 overall with 7,7,6 at HL	A*A* A	Mathematics and a science subject at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Software Engineering with Industrial Experience [MEng]</b>	I300	4	38 overall with 7,7,6 at HL	A*A* A	Mathematics and a science subject at A-level A or IB HL 6. See website for additional IGCSE/IB SL requirements	63
<b>Spanish and Chinese [BA]</b>	RT41	4	34 overall with 6,5,5 at HL	ABB	One of the chosen languages to be studied at A-level or IB HL	96
<b>Spanish and Japanese [BA]</b>	RT42	4	34 overall with 6,5,5 at HL	ABB	One of the chosen languages to be studied at A-level or IB HL	96
<b>Spanish and Portuguese [BA]</b>	RRK5	4	34 overall with 6,5,5 at HL	ABB	One of the chosen languages to be studied at A-level or IB HL	96
<b>Spanish, Portuguese, Latin American Studies [BA]</b>	RR45	3	34 overall with 6,5,5 at HL	ABB	Spanish at A-level or IB HL	96
<b>Speech and Language Therapy [BSc]</b>	B620	4	35 overall with 6,6,5 at HL	AAB	See website for additional IGCSE/IB SL requirements	115
<b>Speech and Language Therapy [MSPchLangTher]</b>	B62M	3	35 overall with 6,6,5 at HL	AAB	See website for additional IGCSE/IB SL requirements	115
<b>Theological Studies in Philosophy and Ethics [BA]</b>	V610	3	34 overall with 6,5,5 at HL	ABB		110
<b>World Literatures [BA]</b>	Q203	3	36 overall with 6,6,6 at HL	AAA	English Literature or other subject with an emphasis on literary studies at A-level A or IB HL 6	74
<b>Zoology [BSc]</b>	C300	3	36-33 points overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Zoology [MSci]</b>	3F49	4	36-33 points overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55
<b>Zoology with a Modern Language [BSc]</b>	C303	4	36-33 points overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	A-level - Chemistry and one of Biology, Physics and Mathematics, with at least one at grade A; French, German, Italian or Spanish at grade B. IB - Chemistry and one other science subject, normally Biology at HL; French, German, Italian or Spanish at HL 5. A-level/IB HL modern foreign language requirements do not apply to Japanese or Mandarin as no prior knowledge is assumed, but see website for further academic requirements	55
<b>Zoology with Industrial/Professional Experience [BSc]</b>	C301	4	36-33 points overall with 6,6,6 to 6,5,5 at HL	AAA-ABB	Two of Biology, Chemistry, Physics and Mathematics at A-level, with at least one at A. Two sciences at IB HL, normally Chemistry and Biology	55

# CITY CENTRE DISTRICTS



**Market Street, the Cathedral Quarter and Manchester Ardale**

At the Ardale mall you can shop at more than 200 shops. Step outside for everything from premium department stores such as Harvey Nichols and Selfridges to high-street favourites.

**Spinningfields**

The business district is home to global names including Barclays and Deloitte – you'll also find cocktail bars, restaurants and designer shops here.

**Albert Square**

The Town Hall dominates this square, where many festivals take place, including Manchester International Festival and the Christmas markets.

**Piccadilly**

You'll find the main train, bus and tram stations here, as well as the Visitor Information Centre – a great place to start your explorations.

**Chinatown**

An ever popular destination with countless restaurants, Asian supermarkets, events and festivals all year round.

**The Northern Quarter and Ancoats**

Vintage fashion boutiques, cafes, fashionable bars, music venues and the Afflecks indoor market make this the city's independent heart.

**Castlefield**

An inner-city conservation area where you'll find a Roman fort, brick warehouses, cobbled streets and the world's oldest industrial canal.

# UNIVERSITY HALLS



Hall of residence	Postcode	Hall of residence	Postcode	Hall of residence	Postcode
100 Denmark Road	M15 6GQ	106 Burkhardt House	M14 5RR	111 Ashburne Hall	M14 6HP
80 Horniman House	M13 9NT	101 Canterbury Court	M14 5BX	115 Oak House	M14 6HX
11 Weston Hall	M1 3BB	102 Dalton Ellis Hall	M14 5RL	114 Owens Park	M14 6HD
9 Wright Robinson Hall	M1 7JA	105 Hulme Hall	M14 5RR	116 Richmond Park	M14 6YY
82 Whitworth Park	M13 9WJ	104 Manchester Gardens	M14 5ES	112 Sheavyn House	M14 6HP
		107 St Anselm Hall	M14 5BX	118 Woolton Hall	M14 6WS
		108 St Gabriel's Hall	M14 5RP		
		121 Liberty Park	M13 0FZ		

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