

MANCHESTER  
1824

The University of Manchester






MANCHESTER

POSTGRADUATE  
PROSPECTUS

2019 ENTRY



# MEET US

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

## Explore your subject

For each subject we provide contact details so you can find the most up-to-date information – see p54 onwards.

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

t: +44 (0)161 660 6494

Is Manchester the place for you? Come and see for yourself.

## At an open day

Meet our people, explore our campus, ask questions and get a sense of what it's like to study here at one of our postgraduate open days.

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

## Overseas

If you live abroad and cannot visit Manchester, we attend various events worldwide throughout the year.

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

## At a time to suit you

**Take an independent look around our campus.** Start at our University Giftshop in University Place, where you can pick up a map and get information. Open Monday to Friday, 9am to 5pm.

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

**Book onto a guided tour.** Held throughout the year, these give you a chance to meet current students and discover the highlights of our campus first-hand.

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

# OUR COVER STARS

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

A distinguished physiologist, Professor Rothwell is Co-Chair of the Council for Science and Technology, and former President of the Royal Society of Biology – read more on p123.

## Arthur Yushi

PhD Neuroscience

Immersing himself in culture on campus – read more on p41.

## Farhana Choudhury

MEd Psychology of Education

Raising educational aspirations for local students – read more on p22.

## Chancellor: Lemn Sissay MBE

Internationally renowned performance poet, writer and broadcaster, Lemn is the University's Chancellor – read more on p42.

## Godfrey Shirima

MSc Computer Science

Equity and Merit Scholar from Tanzania – read more on p18.

## Astrid Weston

PhD Graphene NOWNANO CDT

Bringing sustainable practices to rural communities in India – read more on p22.

## Joe Blakey

PhD Human Geography

Exploring the city and beyond – read more on p38.

## Beatriz Costa Gomes

PhD Neuroscience and Mathematics and President's Doctoral Scholar

Working across disciplines – read more on p14.

## Our location:

Manchester Museum is one of our inspiring cultural institutions – read more on p40.





# WELCOME TO MANCHESTER

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# WANDER THROUGH KNOWLEDGE



ou're here because you have a dream:  
to advance or change your career, to  
immerse yourself in a subject you love, to  
meet future mentors, colleagues and friends.  
At The University of Manchester you'll find an  
incredible range of opportunities to take these  
next steps. You'll see your dreams take shape  
and become real.

**Let's start exploring.**



# CHOOSE MANCHESTER

**A**t The University of Manchester, the next revolution is never far away.

This is a place where education is a force for change. Since 1824 our doors have been open to the working classes of Manchester, a city characterised by industrial progress and radical spirit.

Here, women fought for equality. Scientists split the atom. A wartime codebreaker shaped the digital lives we now take for granted. Two researchers brought graphene – the wonder material that is one atom thick, but 200 times stronger than steel – to the world.

People provide the revolutionary spark that drives us. Our researchers find solutions to the world's most pressing challenges, from creating sustainable energy to alleviating poverty. Our students and staff strive to make a difference to society. Our alumni become informed global citizens and leaders in their fields.

Here, ideas become actions – and those actions change lives. We're a truly international institution, welcoming and influencing thousands of people, communities and organisations across the world, and we enjoy a global reputation for pioneering research and innovation.

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



# 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 thinkers turn inspiration into reality, encouraging innovation, experimentation and creative thinking.

Here are just a few highlights from our history.

**1906**

Christabel Pankhurst, who would become a leading figure in the suffragette movement, become 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'.



**1917**

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



**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.



**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.



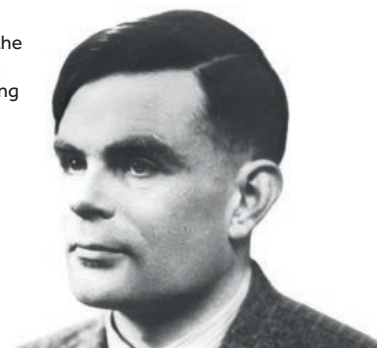
**2010**

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)



# RESEARCH BEACONS

# BREAK THROUGH

**W**orld-class research lies at the heart of everything we do at Manchester. It informs our courses, unites our disciplines, brings innovation to industry and transforms lives across the globe. Study with us and you'll learn at the frontier of knowledge, where breakthroughs happen.

We take full advantage of our size and breadth, bringing the best minds together from diverse disciplines and cross-sector partnerships to forge new ways forward in multiple fields. Manchester's research beacons are exemplars of this collaborative ethos, pioneering innovative solutions to some of the biggest challenges facing the planet today.





BREAK  
THROUGH

1

#### ADVANCED MATERIALS

Transforming technologies to create a better, safer world.

2

#### CANCER

Fighting the onset, spread and impact of a major global killer.

3

#### ENERGY

Pioneering the sustainable energy systems of the future.

4

#### GLOBAL INEQUALITIES

Seeking to bring about a fairer world.

5

#### INDUSTRIAL BIOTECHNOLOGY

At the forefront of a bio-industrial revolution.

## GLOBAL CHALLENGES, MANCHESTER SOLUTIONS

- 1 1.2 billion people worldwide struggle to access clean drinking water. We're creating affordable desalination technologies to bring fresh water to everyone.
- 2 Breast cancer is women's most common cancer. We introduced the world's number-one endocrine treatment.
- 3 To mitigate climate change we need affordable low-carbon energy. We're creating new designs and technologies for cheaper nuclear reactor construction.
- 4 One in ten people live below the international poverty line. We're influencing policies and practices that work to reduce persistent poverty.
- 5 There's no test for Parkinson's disease, which makes treatment hard and a cure impossible. Our biomarker breakthrough may enable early diagnosis, helping to save lives on a global scale.

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



# PIONEERING RESEARCH



My criminology supervisor's excellent reputation brought me to Manchester.

**David Buil Gil**  
PhD Criminology  
and Social Statistics

At Manchester we see our students as partners. We need that partnership for both research and teaching to grow.

**Professor Danielle George**  
Professor of Radio  
Frequency Engineering

Postgraduates often worry about what we'll do after our PhDs, so working in industry is a great experience for us.

**Beatriz Costa Gomes**  
PhD Neuroscience  
and Mathematics

**P**rofessor Danielle George chats to PhD students Beatriz Costa Gomes (PhD Neuroscience and Mathematics) and David Buil Gil (PhD Criminology and Social Statistics) about the research culture at Manchester.

**Danielle:** So what brought you both to Manchester?

**David:** My criminology supervisor's excellent reputation brought me to Manchester. Having another supervisor from social statistics was also essential, as my work crosses both disciplines.

**Beatriz:** Manchester had the interdisciplinary approach that I wanted, too – and the prestige. I've helped organise a University-wide conference with presentations from all three Faculties; we learned so much from each other. We also do outreach work with the Museum of Science and Industry, and with local schools, making our research easy to explain to kids.



**Danielle:** Yes, there's so much collaboration here; you can work with partners across all three of the University's Faculties. They bring very different perspectives to the same problem.

**David:** On one of our programmes, students work with prisoners on a course unit on imprisonment. It's so cool to learn from the real-life experiences of prisoners – and they in turn learn theories that can help them understand their experiences.

**Danielle:** I agree. Our research has huge impact in so many areas. We're truly a local university with a global reach.

**David:** We also work closely with Greater Manchester Police. Before choosing a research area, we met with them and asked what they needed. Our results will help their work.

**Beatriz:** That's good – you'll work with these kinds of organisations after graduation. I had a three-month internship with IBM. Postgraduates often worry about what we'll do after our PhDs, so working in industry is a great experience for us.

**Danielle:** We have links with big FTSE 100 companies, who sponsor much of our research – and with SMEs, who are statistically more likely to employ students. And we're great at entrepreneurship; students are getting involved in spin-out companies, gaining business acumen.

**Beatriz:** The best part is that we can leave our comfort zones while staying in a safe area. We can do all these things – outreach, conferences, going into new environments – but the University always has our backs.

**Danielle:** At Manchester we see our students as partners. We need that partnership for both research and teaching to grow.

**David:** That makes us feel part of the University!

**Danielle:** And it doesn't end. You'll always be Manchester alumni, wherever you go.



## Research at Manchester



Fifth in the UK for research power in the last Research Excellence Framework (REF 2014)



83% of our research rated world-leading or internationally excellent (REF 2014)



100+ spin-out companies in 25 years



£680m contributed to the UK economy in commercialisation since 2004



38th in the world and 6th in the UK in the 2017 Academic Ranking of World Universities

## Find out more

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



# YOUR DOORWAY TO THE WORLD

## Godfrey Shirima

MSc Computer Science  
Equity and Merit Scholar  
from Tanzania

Coming to Manchester has really broadened my perspective on life. Making friends from China, Saudi Arabia, the UK and more, I've found that I've so much to share with others. I can have a conversation about my experiences and people find it interesting, even inspiring.

**M**anchester is a truly global university and city. You'll meet students and staff from near and far, discovering new cultures and perspectives. You'll leave with broader horizons, international employability and connections across the globe.



Connect with alumni in organisations and countries across the world



Live in a multicultural city ranked among the world's best for international students\*



Learn a new language – or improve an existing one – on the University Language Centre's language programme. These may be studied for academic credit or on a non-credit basis

## Support for international students

If you're coming to Manchester from overseas, your international adventure starts here. You'll find extra dedicated support to help you feel at home, including:

- pre-departure webinars and face-to-face briefings in several countries;
- advice on immigration and visas;
- a guarantee place in University accommodation throughout your study;\*\*
- a comprehensive orientation and welcome programme;
- a free shuttle service for new students arriving at Manchester Airport;
- 80 student societies dedicated to people and interests from diverse nations, including our welcoming International Society;
- specialised careers support, including international careers fairs and work experience.

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

## International numbers

- 40,000 students from 172 countries
- 380,000+ alumni across the world
- Ranked 38th in the world  
(Academic Ranking of World Universities 2017)
- 200 languages spoken in one of the UK's most multicultural cities

\* Ranked 23rd in the QS Best Student Cities 2017

\*\* Subject to meeting certain criteria





# CREATE YOUR OWN PATH

**A** postgraduate degree requires focus – but your life demands balance. At Manchester you can choose a study path that supports your professional and personal development, as well as your well-being. Discover new passions, build industry insight and make a positive difference to the lives of others while gaining skills to help you achieve your brightest ambitions.



# MAKE A DIFFERENCE

## Farhana Choudhury

MEd Psychology of Education  
Raising educational aspirations for local students

Working with the Student's Union and the University's Widening Participation team, we're recruiting volunteers from our Islamic Society to help promote higher education in Manchester secondary schools, especially to BAME students. What first made me want to make a difference was acknowledging how others have made a difference to me. Now I never want to stop.

## Astrid Weston

PhD Graphene NOWNANO CDT  
Bringing sustainable practices to rural communities in India

Through the School of Materials' Live in Labs project I helped to build a biogas unit in a village in Karnataka. I loved working with people who really want to have a sustainable country. I also go into schools to teach them about research and how they can get involved. It feels good, as though I'm making a positive difference.



ocial responsibility is embedded in our strategy and culture at Manchester, uniting us in a commitment to have a positive impact in everything we do. Discover what you can contribute to communities and challenges across the globe.



**Work with impact** – learn about, and contribute to, work that is changing lives for the better across the globe. Take part in public and policy engagement, developing your own ideas while benefiting others.

[www.manchester.ac.uk/pgr-social-responsibility](http://www.manchester.ac.uk/pgr-social-responsibility)



**Volunteer locally and globally** – make a valuable difference to communities and environments through our hundreds of volunteering opportunities, learning new skills and making community contacts.

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



**Lead by example** – set up a social enterprise with expert support from our intellectual property organisation UMI3, Alliance Manchester Business School and our Venture Further competition. [umi3.com](http://umi3.com)



**Improve the local environment** – take part in our environmental sustainability initiatives. [www.manchester.ac.uk/sustainability](http://www.manchester.ac.uk/sustainability)



**Inspire other students** – become a student mentor, help teach undergraduate students, or meet and advise local disadvantaged schoolchildren hoping for a brighter future. [www.manchester.ac.uk/socialresponsibility](http://www.manchester.ac.uk/socialresponsibility)

## STELLIFY .....

Postgraduate taught students can also undertake our Stellify activities, offering you even more ways to do more and be more at Manchester. Experience true personal and professional growth, and consider how you can make a difference to others.

● **Learn without boundaries**

● **Make a difference**

● **Step up and lead**

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



# STUDIES TO SUIT YOU

## Stuart Ingram

MSc Genomic Medicine  
(part-time)  
Research manager,  
husband and father

I've worked in genetics for a few years now, but never had any training in the subject. This course has helped me to understand aspects of my job a lot better – and has been very interesting personally, too. Everyone teaching is really open to students contacting them outside of the course to discuss things; there's a lot of support across the board.

I've discovered how much I love learning. I'd like to do a PhD next; I'm applying for it this year at Manchester.

W

ith flexible learning options and tailored support for part-time and distance, online and blended-learning students, we'll help you fit postgraduate learning into your life.

## Studying part-time

Having extra work, family, or financial commitments doesn't mean you have to give up on your goals. We offer most of our postgraduate research programmes on a full-time and part-time basis, and it may also be possible to study some of our taught postgraduate courses part-time. Check the course listings in this prospectus to see if your preferred programme is available to study part-time (PT).

## International applicants from non-EU countries:

Please note that terms of entry into the UK normally prevent you from studying a postgraduate taught or research programme on a part-time basis.

## Learning from afar

It's a shame to miss out on living in our incredible city – but sometimes it's simply not possible to relocate. That's why some of our postgraduate taught courses and a few of our postgraduate research programmes are available to study off-site as online and blended programmes.

We invest heavily in online and interactive technologies at Manchester to allow our distance learners to connect with staff and fellow students, and enjoy the same support that you would get on campus. We also have international centres in Dubai, Hong Kong, São Paulo, Shanghai and Singapore, enabling us to build strong transnational partnerships and deliver an education designed for today's executives.

Check the course listings in this prospectus to see if your preferred programme is available via distance, online or blended learning (DL).

[www.manchester.ac.uk/study/online-blended-learning](http://www.manchester.ac.uk/study/online-blended-learning)



# NOTES FROM A GRADUATE



**W**ho better to guide you on the journey that lies ahead than somebody who's studied here before? Winnie Nassolo came from Uganda to study an MSc in Medical and Diagnostic Virology at Manchester, helped by our Equity and Merit Scholarship. After graduating in 2010, she returned home, where she continued her work as a dental surgeon and later became Division Medical Officer. She's currently a research scholar at Case Western Reserve University in Ohio.

Manchester contributed hugely to the person I am today, helping me to further my career and become a leader in my community. I was very laidback before I went to the UK; Manchester helped me become more focused and ready to accomplish whatever I set my mind to.

I have reason to believe that many epidemics back home in Uganda are due to simple treatable or avoidable organisms that thrive due to our lack of infection control measures – especially in our public hospitals and clinics. An infection from one patient can sweep through whole hospitals, which hold overwhelming numbers of patients.

Once I graduated, I introduced infection control protocols that I learnt at Manchester to the Ugandan clinic where I worked – and then extended this at a community level, covering various clinics and hospitals. This is how we save lives.

Among the many valuable elements of studying at Manchester, one aspect stands out for me: the teamwork spirit. We were constantly encouraged to look out for each other. After I graduated I brought this spirit home with me, helping to build and mentor teams in my workplace that enabled us to meet targets and enjoy great outputs. As a result, I was promoted twice in offices of leadership and recognised as a successful team builder and leader.

My advice to you would be to buckle up and get ready for a rollercoaster ride of intensive study and hard work. You'll need determination and perseverance in order to achieve your dreams. You'll get it all from this university.

## 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

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

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

**Dr Mark Kermode**  
(PhD English 1991),  
film critic and broadcaster

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

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

**Jesse Armstrong and Sam Bain**  
(MA Novel Writing 1995), writers  
of television comedies *Peep  
Show* and *Fresh Meat*



# PLOT YOUR CAREER PATH

**A**s a postgraduate student you may already have a career path in mind, but we'll do all we can to help you get there. We'll give you the opportunities to develop your skills and networks, and support tailored to your needs.

Here are just a few ways you can begin to plan for future success.



## A first-class careers service

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

**An Academic Career** – decide whether your long-term future lies in academia with our award-winning website:  
[www.manchester.ac.uk/academiccareer](http://www.manchester.ac.uk/academiccareer)

**Manchester Gold and the Manchester Network** – learn from a mentor from among our expansive network of alumni, recruiters and academics.

**Postgrad Essentials** – attend careers workshops to help you with your job search and set yourself apart.



## For postgraduate taught students

**Access to employers** – meet with recruiters – more than 600 visit our campus and recruitment fairs each year.

**Expand your study** – apply your skills by volunteering, make a difference to yourself and to others, or communicate your passion for your subject via our public engagement programmes.



## For postgraduate research students

**Pathways: career options for PhDs** – talk to people in a range of academic and non-academic careers at this annual event.

**Researcher development training** – gain the skills, attributes and knowledge to thrive as an independent researcher and professional.

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

 @manunicareers

## STELLIFY .....

Postgraduate taught students can also take advantage of countless opportunities for professional growth through our Stellify activities. Find out more:

- **Create your future**
- **Step up and lead**

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



# ACCESS OUR SUPPORT



We want you to enjoy Manchester postgraduate life to the full. That's why we offer you experienced, specialist support services to boost your academic and personal development.

You'll always find a sympathetic ear if you're worried about any issues relating to your studies, money, health, or well-being.

- **Support staff** in your academic School
- **Student Support and Advice Team** in University Place
- **Students' Union independent professional advisers**
- **Trained University counsellors**
- **Nightline** – an **anonymous telephone helpline** run by students for students
- **ResLife teams** in University-managed accommodation

## Disability support

If you have additional needs arising from a medical condition, physical or sensory disability, specific learning disability such as dyslexia, or mental health difficulty that affects your studies, we can support you. Get in touch with our **Disability Advisory and Support Service** – you can find out more at:

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

**Contact or visit our Disability Advisory and Support Service before you apply to discuss your needs and the support available.**

## Personal safety

We have security services, systems and practical safety advice to help keep you and your property safe. You'll benefit from:

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

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

## Immigration advice

Our Student Immigration Team can offer you UK and Schengen visa-related advice while at Manchester, including information on working in the UK.

Email: [visa@manchester.ac.uk](mailto:visa@manchester.ac.uk)

## Childcare

Studying while caring for dependents can be a challenge. It's good to know you've got local support.

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

## Religious support

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

- 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)

## Equality, diversity and inclusion

You should enjoy a positive learning environment that is free from any discrimination, bullying, harassment, or victimisation; where you'll be treated with respect and dignity irrespective of your age, disability, ethnicity, gender identity, marital status, nationality, religion or belief (including lack of belief), or sexual orientation.

Find out about our support, and how you can get involved, in equality, diversity and inclusion at Manchester:

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

## We belong

Watch a short film celebrating equality, diversity and inclusion at Manchester:

[www.manchester.ac.uk/we-belong-film](http://www.manchester.ac.uk/we-belong-film)



# VALUE YOUR WELL-BEING

**Jason Hui**  
PhD Materials  
University Badminton  
Club

It's a nice change of environment. During the day you're focused on your studies, then during training you get to escape, keep your mind on other things. And it's a great way to meet other people.

**Olivia Wimpenny**  
MA International  
Business Management  
GB Lacrosse player and  
University Lacrosse  
Team Captain

As a Focus Sport Scholar at Manchester I get extra support with strength and conditioning, nutrition, physiotherapy, psychological help and funding.



Investing in your body and mind is particularly important during the mental challenges of postgraduate study. Clear your head, meet new people and gain a healthy work-life balance.



## COMMITTED SPORTSPEOPLE

**43 sports clubs across 39 sports** – weekly training with great coaches and matches in the British Universities and College Sports (BUCS) leagues

**Sports Scholarships** – support for elite athletes at junior international level

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



## CASUAL PLAYERS

**357 teams in campus leagues** – weekly competitions across six sports (including the country's largest soccer league at Wythenshawe Sports Ground)

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



## HARMONIOUS HEALTH-SEEKERS

**Well-being activities** – from mindfulness to yoga

**Sporticipate** – 50+ hours of free weekly activities on campus and in halls

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

**Park runs** – head out with 200 runners every Saturday morning

**#PurpleWave** – 23,000 students, staff and alumni ran in the 2018 Great Manchester Run

**Group campus walks** – get active while getting to know our campus

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



## WORLD-CLASS FACILITIES

Make the most of access to one of the UK's biggest and best swimming facilities, floodlit football pitches, fully equipped fitness suites, various indoor halls and outdoor courts, well-being studios, and much more.

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



## JOIN OUR SPORT VOLUNTEER SCHEME

Gain valuable experience, coaching qualifications, personal skills and new friends.

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





# GET YOUR BEARINGS

**B**efore you start to explore, it's good to get to know your surroundings. Get a head start by taking a look at our inspiring city, welcoming campus and breadth of accommodation options. The deeper you dig, the more you'll discover.



# EXPLORE MANCHESTER

**D**iscover the creative, cosmopolitan city that has led global revolutions in industry, politics, sport, technology and music – yet still finds the time to relax and unwind.

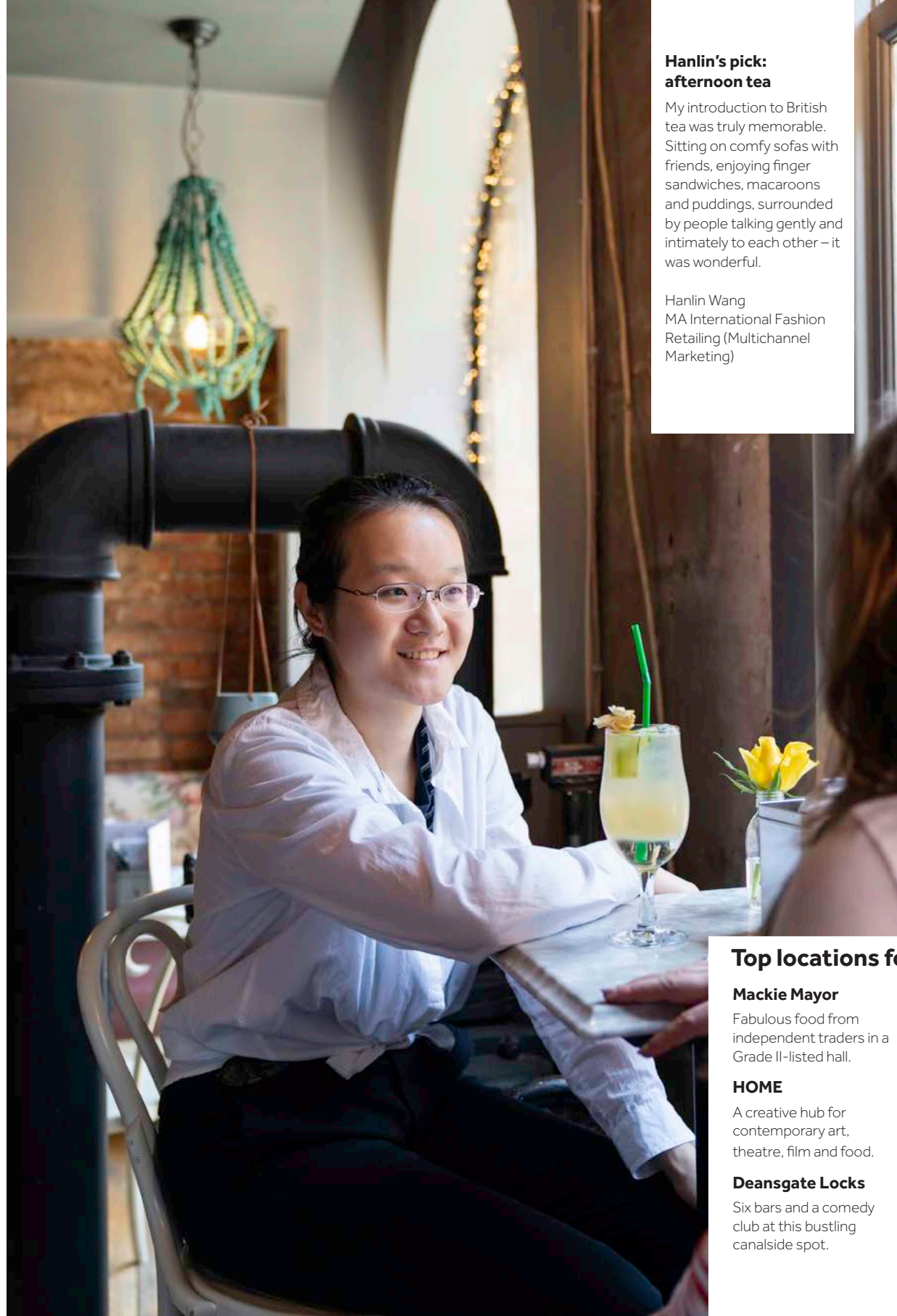


## Head out of town

Manchester is surrounded by some of Britain's most beautiful countryside. Head for the hills of the Peak District and Lake District, or the beaches of North Wales.

## Buzzing

Manchester's official symbol, the busy bee represents the hive of industry in which the city formed, and the hard-work ethic and thriving community that endures today.



## Hanlin's pick: afternoon tea

My introduction to British tea was truly memorable. Sitting on comfy sofas with friends, enjoying finger sandwiches, macaroons and puddings, surrounded by people talking gently and intimately to each other – it was wonderful.

Hanlin Wang  
MA International Fashion  
Retailing (Multichannel  
Marketing)

## Museum of Science and Industry

On the site of the world's first inter-city railway, MSI explores ideas and technologies that changed the world.



## Top locations for a great night out

### Mackie Mayor

Fabulous food from independent traders in a Grade II-listed hall.

### HOME

A creative hub for contemporary art, theatre, film and food.

### Deansgate Locks

Six bars and a comedy club at this bustling canalside spot.

### Real Junk Food Manchester

'Pay as you feel' for good food that would otherwise have gone to waste.

### All Star Lanes

Go bowling US style.



**"Enjoy cheap student tickets and cracking theatre performances at HOME, the Royal Exchange and the Lowry."**

**Bridgewater Canal** offers 41 miles (66 km) of uninterrupted waterside walkways, perfect for peaceful walks, running, cycling and spotting the occasional heron.

Explore Greater Manchester via the Metrolink. My highlights are **Heaton Park**, the trendy suburb of **Chorlton**, **Altrincham ice rink**, and the old docks at **Salford Quays**.

**Bury Market** is a proper traditional affair selling cheap vegetables, interesting bric-a-brac and the famous Bury black pudding.

**Human Geography research student and proud Mancunian Joe Blakey reveals his top tips on exploring Greater Manchester.**

*Joe's Manchester*

#### The beautiful game

Manchester is synonymous with football, home to international giants Manchester United and Manchester City, non-league and grassroots teams, and the National Football Museum.

#### Northern Quarter

The city's indie district, home to boutique bars, cool cafes, guerrilla art, quirky fashion trends and creative entrepreneurs.



#### Sounds of the city

##### Manchester Arena

The UK's largest indoor venue for global bands and artists.

##### Bridgewater Hall

International concerts and world-famous orchestras.

##### Manchester Academy

Three musical venues at our Students' Union.

##### Piccadilly Records

Independent record store selling sounds since 1978.

##### Parklife

Hugely popular weekend festival held in Heaton Park.

##### Discover more at:

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





# CULTURE ON CAMPUS

**E**xplore multiple histories, be inspired by diverse artistic talents and lose yourself in absorbing classic and contemporary performances, courtesy of our many cultural offerings around campus.



## Arthur's pick: The John Ryland's Library

My favourite part of John Ryland's Library is the Historic Reading Room – its astonishing Gothic interior houses a wonderful collection of books, and the alcoves are filled with antique furniture and warm study spaces. The entire library is filled with vintage colours and symmetrical lines; it's an architectural photographer's dream. Staff are welcoming and informative too!

Arthur Yushi  
PhD Neuroscience



## Jodrell Bank Discovery Centre

A short trip into the neighbouring Cheshire countryside brings you to the iconic site of the Lovell Telescope.



## bluedot

Every summer at Jodrell Bank the stars of music, art and science collide in this intergalactic festival.

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

## Martin Harris Centre for Music and Drama

Concerts, theatre and literary performances at the heart of campus.



## Manchester Museum

Bringing ancient worlds to life on our campus, with a rotating programme of exhibitions.



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



# Lemn's Cultural Manchester

Manchester was the UNESCO City of Literature in 2018, and the incredible **Manchester Literature Festival (MLF)** showcases the best of our literary heritage and contemporary talent. The University hosts and supports many MLF events each year. Come along and widen your world.  
[www.manchesterliteraturefestival.co.uk](http://www.manchesterliteraturefestival.co.uk)

**University Chancellor and world-famous poet Lemn Sissay** shares his favourite cultural aspects of our city.

**Rusholme and Chinatown:** these are major arteries of cultural Manchester. Try the food – look to see where the locals eat. Truly top notch.

See a show at **Contact Theatre**. Brilliant radical youth theatre at the top of its game, here on our campus.  
[contactmcr.com](http://contactmcr.com)

**“I could not be in a more inspiring place on earth than The University of Manchester”**

Our University's **heritage and history tours** reveal why Manchester is the incredible place it is today. Seeing beneath the skin of contemporary Manchester and sensing that history will make you feel closer to the city.  
[www.manchester.ac.uk/heritage](http://www.manchester.ac.uk/heritage)



## In Conversation with Jeanette Winterson

In Conversation is a series of readings and discussions with distinguished guests at the invitation of Professor Jeanette Winterson.

Previous In Conversation events have included guest authors Lynne Truss, Audrey Niffeneggar, and AL Kennedy.



## The Whitworth

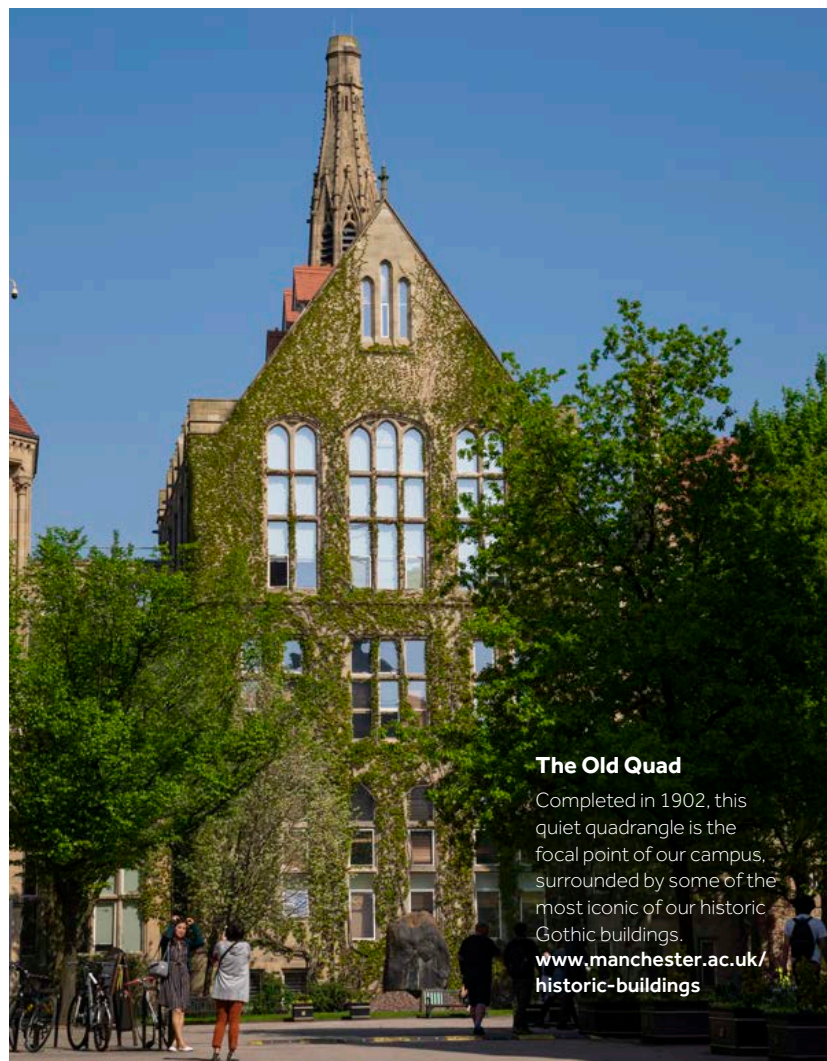
View international exhibitions at the Whitworth, the University's own art gallery.  
[www.manchester.ac.uk/whitworth](http://www.manchester.ac.uk/whitworth)



# GET TO KNOW OUR CAMPUS

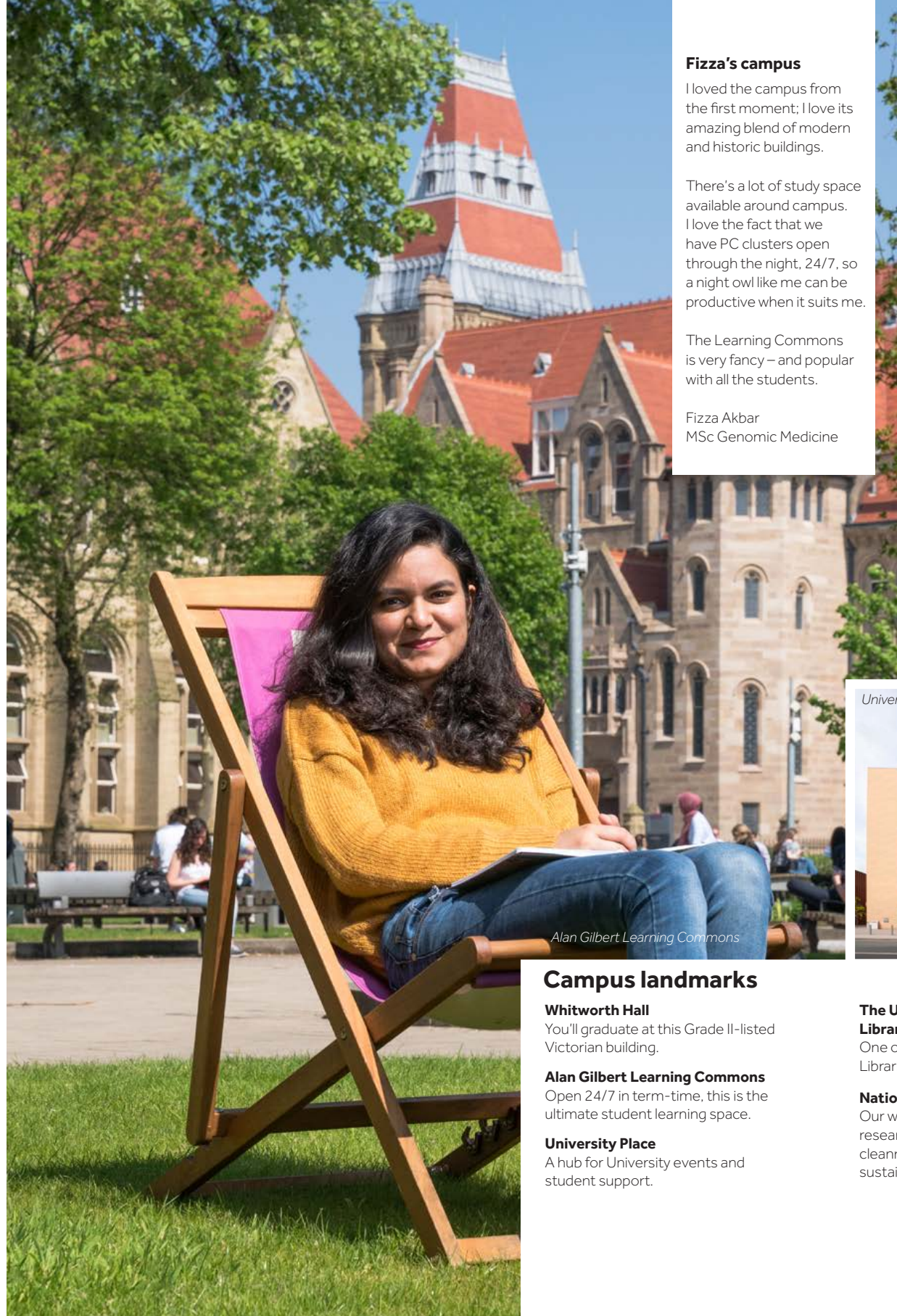


ur friendly, self-contained campus is not just a place of game-changing academic discoveries – it's a place for exploration and inspiration in its own right.



## The Old Quad

Completed in 1902, this quiet quadrangle is the focal point of our campus, surrounded by some of the most iconic of our historic Gothic buildings.  
[www.manchester.ac.uk/historic-buildings](http://www.manchester.ac.uk/historic-buildings)



Alan Gilbert Learning Commons

## Fizza's campus

I loved the campus from the first moment; I love its amazing blend of modern and historic buildings.

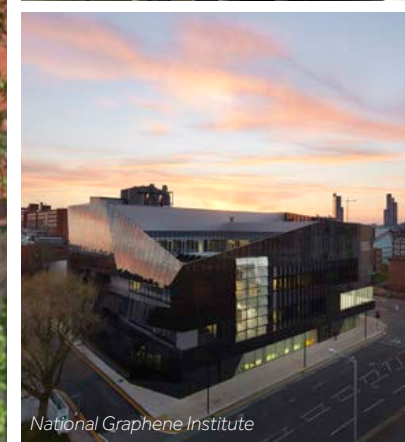
There's a lot of study space available around campus. I love the fact that we have PC clusters open through the night, 24/7, so a night owl like me can be productive when it suits me.

The Learning Commons is very fancy – and popular with all the students.

Fizza Akbar  
MSc Genomic Medicine



The University of Manchester Library



National Graphene Institute

University Place



## Campus landmarks

### Whitworth Hall

You'll graduate at this Grade II-listed Victorian building.

### Alan Gilbert Learning Commons

Open 24/7 in term-time, this is the ultimate student learning space.

### University Place

A hub for University events and student support.

### The University of Manchester Library

One of only five National Research Libraries in the country.

### National Graphene Institute

Our world-leading facility for graphene research features state-of-the-art cleanrooms, laboratories and a sustainable rooftop garden.



**"Jodrell Bank is such a peaceful and productive place to work. To have those iconic telescopes standing just outside your window is something really special. The gardens are just a short walk away, and every time you visit you notice something new."**

Exercise is a great way to unwind, and the University has some excellent facilities and activities. I play in the campus netball league at the **Sugden Sports Centre** – the leagues have an amazing social aspect too.

My go-to place for lunch or coffee is the **Greenhouse** vegetarian cafe in the George Kenyon Building. There's a wide range of vegan options, and outdoor seating that's lovely in the sunshine.

I do most of my work in an open-plan office in the **Alan Turing Building**. There's always someone around whose brain you can pick. Proximity to a coffee maker is a bonus!

## Emma's Campus

**Astrophysics research student Emma Alexander describes her favourite places to work and relax on campus.**



Students' Union

### Stay connected

Free WiFi, PCs and printers are available for you to use all across campus.

### Go green

Our living campus embraces trees, parkland, gardens and wildlife, and reduces carbon emissions through sustainable buildings and practices.  
[www.manchester.ac.uk/sustainability](http://www.manchester.ac.uk/sustainability)



### An evolving campus

We've got a masterplan to continue the transformation of our campus for students, staff and visitors. Developments under way include new teaching and learning facilities, national research centres, a hotel and public parkland.  
[www.manchester.ac.uk/masterplan](http://www.manchester.ac.uk/masterplan)



### Top spots to unwind

#### Students' Union

Eat, drink, shop and get involved in Manchester student life.

#### Gilbert Square

A favourite green area for relaxing, reading and even summer picnics.

#### The Whitworth

Beautiful art, a tree-lined park, aesthetic events and creative activities.

#### Holy Name Church

Just one of our quiet places of worship for all faiths on campus.

**Discover more at:**  
[www.manchester.ac.uk/university](http://www.manchester.ac.uk/university)



# SETTLE INTO ACCOMMODATION

## Oishee Kundu

PhD Science, Technology  
and Innovation Policy  
ResLife Adviser at Oak House

University accommodation is a really easy way to move into a new country or a new place. It's comfortable, you don't have to worry about bills, and for postgraduates in particular it ensures you meet people who are doing different things to you. It's a nice world to live in.

Becoming a ResLife adviser gave me the chance to explore a different dimension of myself. It's given me responsibility, a side project away from my studies, and a better social life. I've had great conversations with some of the undergraduates, learning more about the UK and a way of life I've never known.

**F**or most of you, Manchester won't just be your next stage of education; it'll be your new home for a year or more. You'll find a range of accommodation options for postgraduate students, from contemporary and traditional halls of residence to a specialist advice service for those interested in private letting.

## University accommodation

From the moment you arrive, you'll be able to access support to help you make the most of your time in University accommodation. Our ResLife team will settle you into an inclusive and supportive community, where you'll meet people from around the world. ResLife advisers are on hand in every hall, so you'll find advice on your doorstep whenever you need it.

Each hall is a self-contained community with their own residents' associations or common rooms where you can make friends and enjoy various social activities. Some also have their own bars. Your options include:

- postgraduate-only accommodation;
- single or mixed-gender accommodation (subject to availability);
- catered or self-catered facilities;
- en-suite or shared bathroom facilities;
- specially adapted rooms for students with disabilities\*;
- a limited supply of accommodation for families and couples.

*\*Please contact our Accommodation Office before you arrive to discuss your needs.*

## Costs

Your rent includes all utility bills, insurance and Internet (either WiFi or a wired Ethernet point), and you'll find options to suit all budgets.

- Single self-catering room with shared facilities – from £112 a week (Whitworth Park, 51-week let)
- Single self-catering room with en-suite facilities – £131 a week (Weston Hall, 51-week let)
- Single room with shared facilities in a catered hall – £123 a week (Ashburne, 51-week let)

*Costs are based on 2018/19 prices and may be subject to change; they may also vary depending on facilities. Accommodation contract lengths may vary depending on your residence.*

## Accommodation guarantee for international students

If you're based outside the EU, we can guarantee you a place in a hall of residence for the full duration of your course, provided you:

- come to university alone;
- firmly accept a place to study here by 31 August of your year of entry;
- apply for accommodation by 31 August;
- re-apply for accommodation in subsequent years by the deadline and for the full academic year.

If you do not meet the conditions of our guarantee, you may still apply for University accommodation, but we may not be able to offer you a room immediately.



## Private accommodation

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

t: +44 (0)161 275 7680

e: [manchesterstudenthomes@manchester.ac.uk](mailto:manchesterstudenthomes@manchester.ac.uk)

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

## Living at home

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

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

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

## Find out more

Contact our Accommodation Office:

t: +44 (0)161 275 2888

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

For the latest information on our accommodation offering, including costs and new developments, please visit the Accommodation Office website:

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

## Where you'll be based

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.

### ● City (seven sites)

Our city accommodation is located close to the city centre and at the heart of our teaching campus.

Average journey to campus:

- 10 minutes on foot
- 7 minutes by bike
- 5 minutes by bus

### ● Victoria Park (eight sites)

Leafy and tranquil, Victoria Park is just a brisk walk or a short bike ride away from campus.

Average journey to campus:

- 18 minutes on foot
- 5 minutes by bike
- 6 minutes by bus

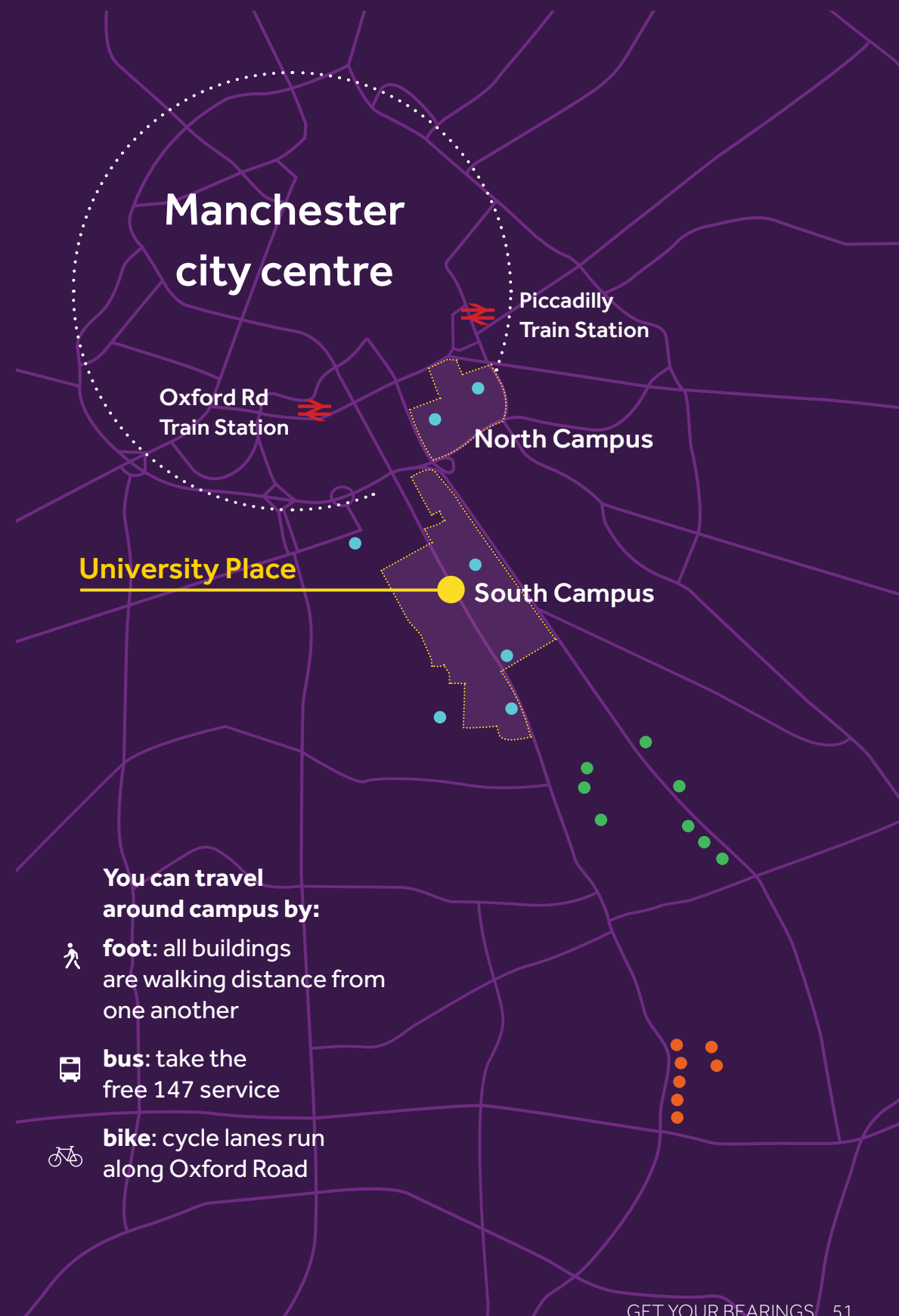
### ● Fallowfield (seven sites)

A vibrant, mixed residential suburb, Fallowfield offers plenty of amenities. It's also within easy reach of the city centre.


Average journey to campus:


- 30 minutes on foot
- 8 minutes by bike
- 15 minutes by bus

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



## You can travel around campus by:

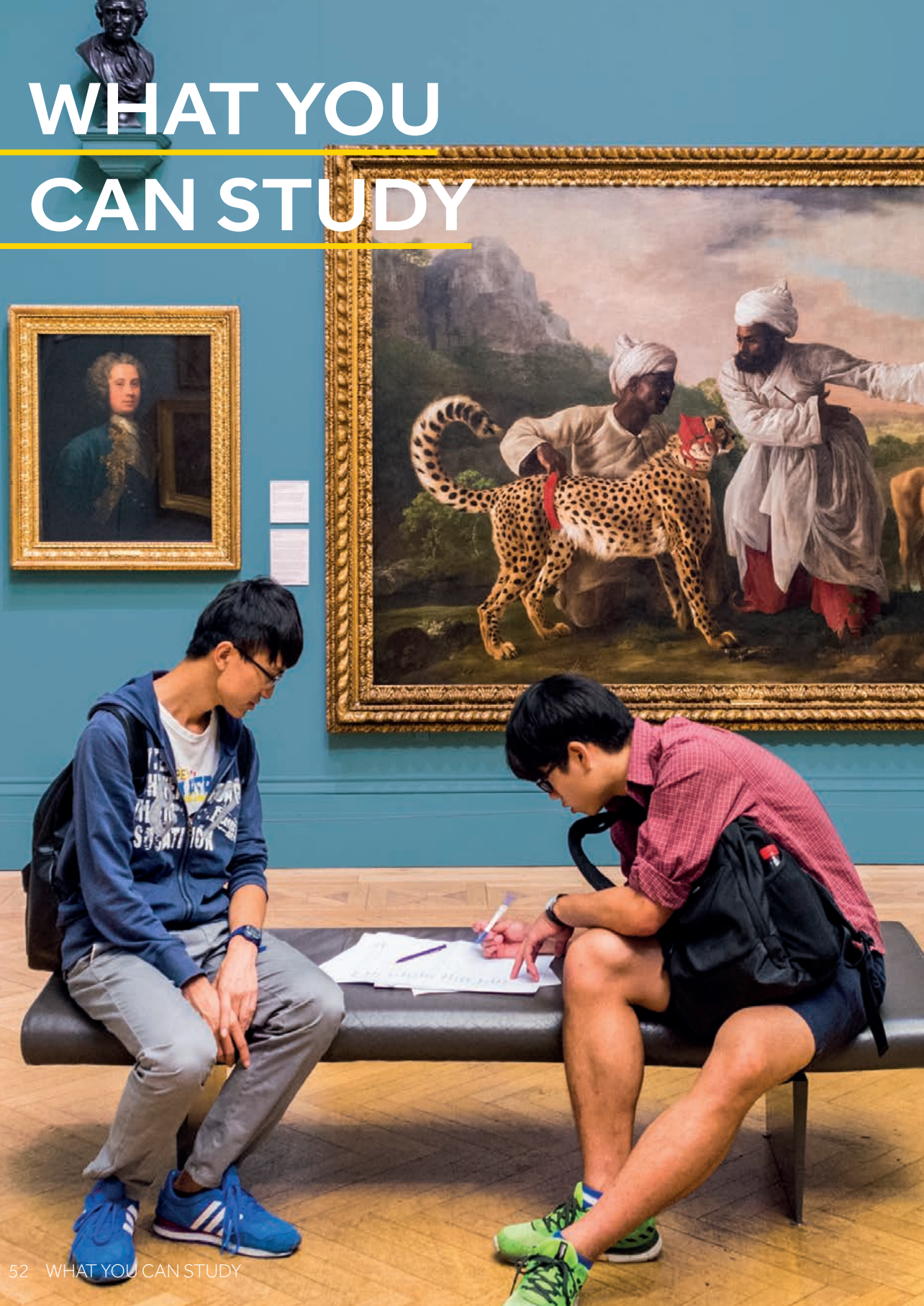
 **foot:** all buildings are walking distance from one another

 **bus:** take the free 147 service

 **bike:** cycle lanes run along Oxford Road



# WHAT YOU CAN STUDY



## Entry requirements

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

For entry requirements, please see p124, or for specific programmes, see the directory at the back of this prospectus. For details of how to apply, see the guide enclosed in the front cover.

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

This prospectus was printed in June 2018 for the purposes of the 2019 intake. It has therefore been printed in advance of programme starting dates. For this reason, information (in relation to programme content, module availability etc) may be amended prior to your applying for a place on a programme of study.

There are a number of reasons why changes to programme information and/or published term dates may need to be made prior to your applying for a place on a programme. 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 programme for operational and/or academic reasons; the withdrawal of programmes due to insufficient cohort numbers; a programme 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 programme of study at The University of Manchester, that they review up-to-date information by searching for the relevant programme at:

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

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

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

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

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 programme of study at The University of Manchester.

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

## KEY

**FT** Full-time

**PT** Part-time

**DL** Distance, online or blended learning



# AEROSPACE ENGINEERING

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

Gain a thorough understanding of engineering principles, coupled with excellent practical and personal transferable skills, with a postgraduate degree in Aerospace Engineering at Manchester.

Our graduates are held in high regard by industry and find rewarding work in all sectors of engineering.

Our research areas include aerodynamics, acoustics, autonomous systems, and engineering design and optimisation. In close collaboration with the aerospace industry, we undertake cutting-edge research of practical importance, using both experimental and computational approaches.

Our MSc courses are fully accredited. Graduates are recognised by the IMechE and the Royal Aeronautical Society as having the academic qualifications required for the status of Chartered Engineer.

You'll have the opportunity to apply the theory and concepts you'll learn during your programme to the practical design of aerospace vehicles.

Each of our PhD students has a dedicated place in our research village, sharing space with other PhD students working on similar topics. The village offers individual study areas, computer spaces, meeting rooms, a kitchen, and much more. 'Village reps' regularly meet with our Director of Graduate Studies to discuss relevant issues and organise social events.

## WHY MANCHESTER?

- World-leading in many research areas, from computational fluid dynamics to how engineering impacts public policy, with 100% of our impact case studies graded as "internationally excellent" or "world-leading" (REF 2014)
- More than 200 years' expertise in teaching engineering
- Strong industrial links with Airbus, Rolls-Royce, EADS, Dstl, MBDA and ESTEC/ESA, and a preferred academic partner for BAE Systems in experimental aerodynamics and dynamic loads

### TAUGHT COURSES

Aerospace Engineering MSc **FT**

### RESEARCH PROGRAMMES

Aerospace Engineering MPhil/PhD **FT**

*You might also be interested in: Chemical Engineering and Analytical Science; Civil Engineering; Electrical and Electronic Engineering; Environmental Engineering; Mechanical Engineering.*

## FUNDING

A number of funding opportunities are available for UK and international students. For more information, including details on our President's Doctoral Scholar Award and external funding schemes, please visit:

[www.manchester.ac.uk/mace/study/postgraduate-research/funding](http://www.manchester.ac.uk/mace/study/postgraduate-research/funding)

## CAREERS

Our graduates go on to pursue exciting and interesting careers in airframe manufacturing, gas turbine and aircraft systems industries, defence laboratories, consultancy and management, and academic research.

# ALLIANCE MANCHESTER BUSINESS SCHOOL

Discover more on taught at [www.mbs.ac.uk/masters](http://www.mbs.ac.uk/masters)

Research at [www.mbs.ac.uk/phd](http://www.mbs.ac.uk/phd)

Full-time MBA at [www.mbs.ac.uk/ftmba](http://www.mbs.ac.uk/ftmba)

Part-time Global MBA at [www.mbs.ac.uk/ptmba](http://www.mbs.ac.uk/ptmba)

Kelley-Manchester MBA at [www.mbs.ac.uk/kelley-manchester](http://www.mbs.ac.uk/kelley-manchester)

Master of Enterprise at [www.mbs.ac.uk/enterprise](http://www.mbs.ac.uk/enterprise)

Alliance Manchester Business School (AMBS) has a global reputation for innovative and influential teaching and research that impacts business on a local, national and international level. We call this 'Original Thinking Applied'.

Our specialist master's courses combine academic excellence with a focus on real-world business and management practice. Our courses provide you with the knowledge and ability to excel in today's business environment.

The Manchester MBA offers the experience of a lifetime that will change the way you do business. With full-time and part-time study options, our MBA programmes attract high-calibre students from prestigious companies around the world.

Our doctoral programme is one of the most highly respected across the globe and attracts outstanding students. You'll join our community of more than 300 specialist academic and research staff.

We adopt an international perspective across all our programmes, giving you the opportunity to experience different cultures. Our links with more than 35 international institutions offer opportunities to study overseas, and you'll study alongside students from 68 different countries.

Some of our master's courses are accredited by professional bodies, such as the Chartered Institute of Personnel and Development, and the British Psychological Society. The Chartered Financial Analyst Institute has also awarded partnership status to our MSc Accounting and Finance and MSc Finance courses.

We became Alliance Manchester Business School in September 2015 following a landmark £15 million donation from Lord Alliance of Manchester and his trustees, in recognition of his longstanding relationship with our School and University. The donation is being invested in the School's new building, due to open in late 2018, and is driving our research agenda forward. Together, this will enhance the learning experience for all students.

## WHY MANCHESTER?

- One of the UK's first business schools established in 1965, and one of the largest campus-based business and management schools in the UK
- Ranked 4th in the UK, 10th in Europe and 36th globally, climbing the rankings to cement our position in the world elite (*Financial Times* Global MBA Ranking 2018)
- Dedicated Alliance MBS Postgraduate Careers Service
- One of only 1% of triple-accredited business schools in the world (AACSB International, AMBA – Association of MBAs, and EQUIS)
- Rated second in the UK for research power (REF 2014)

### TAUGHT COURSES

- Accounting MSc **FT**
- Accounting and Finance MSc **FT**
- Business Analysis and Strategic Management MSc **FT**
- Business Analytics: Operational Research and Risk Analysis MSc **FT**
- Business Psychology MSc **FT** **PT**
- Finance MSc **FT**
- Human Resource Management and Industrial Relations MSc **FT**
- Innovation Management and Entrepreneurship MSc **FT** **PT**

Taught contact: ☎ +44 (0)161 306 9219

Research contact: ☎ +44 (0)161 275 4345

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

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

Taught contact: ☎ +44 (0)161 306 1339

Research contact: ☎ +44 (0)161 275 1200

✉ [pg.ambs@manchester.ac.uk](mailto:pg.ambs@manchester.ac.uk)

✉ [mbs-pgresearch@manchester.ac.uk](mailto:mbs-pgresearch@manchester.ac.uk)



TAUGHT COURSES CONTINUED

International Business and Management  
(Management) MSc **FT**

International Human Resource Management  
and Comparative Industrial Relations MSc **FT**

Kelley-Manchester Global MBA (Part-time) **PT**

Management MSc **FT**

Manchester Full-time MBA **FT**

Manchester Part-time Global MBA **PT**

Marketing MSc **FT**

Marketing (Specialism) MSc **FT**

Operations, Project and  
Supply Chain Management MSc **FT**

Organisational Psychology MSc **FT PT**

Quantitative Finance MSc **FT**

RESEARCH PROGRAMMES

Accounting and Finance MPhil/PhD **FT PT**

Business and Management MPhil/PhD **FT PT**

Doctor of Business Administration DBA **PT**

Management MRes **FT PT**

Master of Enterprise Business  
and Entrepreneurship MEnt **FT PT**

Science, Technology and Innovation Policy PhD **FT PT**

*You may also be interested in: Economics;  
International Development.*

FUNDING

A number of scholarships are available across our MBA and master's courses; these are highly competitive and often awarded to our strongest academic applicants. We offer around 15 studentships from the Economic and Social Research Council (ESRC) and the University, which normally provide full tuition fees and stipend for our doctoral students.

CAREERS

With specialist support from AMBS's Postgraduate Careers Service as well as the University's Careers Service, you'll find a range of workshops, seminars and group-work sessions to increase your employability and maximise your career opportunities.

Recent graduates have worked for Accenture, Airbus, Aon Hewitt, Amazon, Barclays, Bosch, Credit Suisse, Deloitte, EY, Google, Hewlett-Packard, Lenovo, PwC, Samsung, Tesco and the United Nations.

CONTACT

Full-time MBA

+44 (0)161 275 6414

mba@manchester.ac.uk

Part-time Global MBA

+44 (0)161 275 7212

global@manchester.ac.uk

Kelley-Manchester MBA

+44 (0)161 275 7212

global@manchester.ac.uk

Master of Enterprise

+44 (0)161 306 8484

mecpgrecruitment@manchester.ac.uk

pg.ambs@manchester.ac.uk

mbs-pgresearch@manchester.ac.uk

ARCHITECTURE

Discover more

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

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

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

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

Manchester School of Architecture is an innovative collaboration between Manchester Metropolitan University and The University of Manchester. You'll have access to the facilities and resources of both universities.

TAUGHT COURSES

Architecture and Design MA **FT**

Architecture and Urbanism MA **FT PT**

Master of Architecture MArch (ARB/RIBA Pt2) **FT**

RESEARCH PROGRAMMES

Architecture PhD **FT PT**

*You may also be interested in: Planning and  
Environmental Management.*

FUNDING

Our master's students are typically supported by the student loans system, sponsored by their employers or by external funding agencies, or they are self-funding. Architecture PhD students may be eligible for a studentship from the Arts and Humanities Research Council (AHRC).

CAREERS

Our MArch is recognised as a Part 2 qualification by the Architects Registration Board and the Royal Institute of British Architects.

The MA in Architecture and Urbanism will equip you with the skills to research how global, cultural and economic forces influence contemporary cities and explore the design, functioning and future of urban situations towards the development of sustainable cities.

WHY MANCHESTER?

Manchester School of Architecture is ranked seventh in the world and second in the UK (QS World University Rankings 2018)

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

Taught contact: +44 (0)161 306 1339

Research contact: +44 (0)161 275 1200

Taught contact: +44 (0)161 247 6969

Research contact: +44 (0)161 247 0969

courses@mmu.ac.uk

seed.admissions@manchester.ac.uk



# ART HISTORY AND VISUAL STUDIES

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

Study with us and join a team of art historians, critics and theorists working at the forefront of the discipline.

We're noted for research strengths in: medieval England and Italy; Italian and Northern Renaissance; Renaissance print culture; history of architecture; history of gardens; art and science; British art in the 18th and 19th centuries; Romanticism and its reception; modernism and the historical and neo-avant-gardes; surrealism; contemporary art and art theory; art and sexuality; art and magic; art and psychoanalysis; poststructuralism; history and theory of photography and film; and experimental art-writing.

Our award-winning, University-owned cultural resources include: the Whitworth, our outstanding art gallery in the park; John Rylands Library, a spectacular neo-Gothic building housing one of the world's finest collections of medieval illuminated manuscripts and rare books; and Manchester Museum, which holds outstanding collections of archaeological, ethnographic and classical artefacts. Our Whitworth Studies programme supports interdisciplinary research projects between our students, the Whitworth, artists, curators, and visiting researchers from other universities.

As well as providing purpose-built resources, our Graduate School delivers training, workshop sessions and programmes, each designed to foster the continual professional development of our postgraduates. We have close connections with the University's Centre

## WHY MANCHESTER?

- Join one of the UK's top three art history departments, as ranked in the most recent Research Excellence Framework (REF 2014)
- Enjoy exclusive access to our award-winning cultural resources, including the Whitworth and Manchester Museum
- Benefit from our strong working relationships with many museums and galleries across the region and beyond, including TATE Britain and TATE Modern

### RESEARCH PROGRAMMES

Art History and Visual Studies PhD **FT** **PT**

*You may also be interested in: Arts Management and Cultural Policy; Museology*

for Museology, and our Centre for Interdisciplinary Research in Arts and Languages supports cross-disciplinary activities and exchanges within the School of Arts, Languages and Cultures, and beyond.

One of the fastest-growing creative hubs in the UK, Manchester is globally renowned for its art and culture. It's home to major galleries and cultural institutions The Lowry, Manchester Art Gallery and The Centre for Chinese Contemporary Art, alongside the BBC at Salford, Manchester International Festival and HOME, the largest combined arts centre outside London.

As a postgraduate student in our School of Arts, Languages and Cultures, you'll have access to our dedicated graduate school, which provides purpose-built resources and delivers training, workshop sessions and programmes designed to foster your continual professional development.

### FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

### CAREERS

One in eight UK jobs now falls within the creative sector, according to the Department of Digital, Culture, Media and Sport. Study with us and enhance your employment opportunities within the arts and cultural fields, including careers in galleries, trade and auction houses, heritage, architectural conservation, publishing, art criticism and arts administration, as well as positions within higher education.

# ARTS MANAGEMENT AND CULTURAL POLICY

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

Manchester's Institute for Cultural Practices provides leading teaching, knowledge exchange and research training for arts and cultural managers. Our practice-based master's courses have a vocational emphasis, building a bridge between education and professional life.

Our MA in Arts Management, Policy and Practice brings together history, theory and practice in diverse areas, including: production and programming; strategic management and leadership; finance; marketing; audience development, engagement and participation; and education. It combines practical, hands-on work with a solid theoretical grounding, exploring cultural policy and encouraging critical engagement, informing contemporary arts and cultural management practice. The course serves as an entry-level qualification for recent graduates, while also offering professional development for early and mid-career practitioners.

Our staff are active in academic research, professional development training and consultancy. Research specialisms encompass: health care, performance and activism; understanding participation and engagement; culture, place-making and regeneration; digital heritage and digital media for curation, interpretation and learning; the politics of cultural policy, past and present; the theory and practice of the art market; and interdisciplinary exhibition-making.

## WHY MANCHESTER?

- Benefit from more than 50 active partnerships with arts and cultural organisations, venues and programmes
- Enjoy access to award-winning cultural resources on campus, including the Whitworth and Manchester Museum, as well as Jodrell Bank Discovery Centre, which hosts the bluedot festival
- Study in a city internationally renowned for its arts and cultural scene, home to numerous galleries, theatres and music venues, including Manchester International Festival and HOME, the largest combined arts centre outside of London

### TAUGHT COURSES

Arts Management, Policy and Practice MA **FT** **PT**

### RESEARCH PROGRAMMES

Arts and Cultural Management Professional Doctorate **FT** **PT**

Arts Management and Cultural Policy PhD **FT** **PT**

*You may also be interested in: Art History and Visual Studies; Drama; Heritage Studies; Languages and Cultures; Museology; Music.*

You'll also have the opportunity to take part in: events and masterclasses led by our Centre for Interdisciplinary Research in Arts and Languages; talks and workshops that explore approaches to research methods through our [artsmethods@manchester](mailto:artsmethods@manchester) programme; and project-based research collaborations with cultural venues through our Researchers in Residence scheme.

### FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

### CAREERS

As well as further research, our postgraduates pursue successful careers as managers, administrators, policymakers and practitioners in various branches of the arts, cultural and creative industries. Working locally, our students gain skills that are applicable internationally, and our growing alumni network stretches across the globe.



# AUDIOLOGY

Discover more  
[www.manchester.ac.uk/bmh/study/masters](http://www.manchester.ac.uk/bmh/study/masters)  
[www.manchester.ac.uk/bmh/study/research](http://www.manchester.ac.uk/bmh/study/research)

Our MSc in Audiology is ideal for science graduates who want to develop their knowledge and understanding of audiology, learning from international experts at the Manchester Centre for Audiology and Deafness. You'll focus on the theoretical, practical and clinical basis of the science of audiology, including the identification, assessment, rehabilitation and management of adults and children with audiological and vestibular dysfunction. The course includes two short clinical placements – one in an NHS audiology department and one in the independent sector.

To be registered as a qualified audiologist you will require further clinical training after the MSc; Manchester offers you this through our Certificate of Clinical Competence (CCC), which is accredited by the Health and Care Professions Council and the Registration Council for Clinical Physiologists. Places on the CCC are limited; a competitive entry process involves an interview, technical assessment and communication task in Semester 2 of the MSc.

## WHY MANCHESTER?

- Be part of a university whose research influences, underpins and delivers improved services in international health care and education
- 88% of our research is rated "internationally excellent" or "world-leading" (3\* or 4\*) (REF 2014)
- Our multidisciplinary research team includes professionals in audiology, hearing therapy, deaf education and medicine, psychoacoustics, electrophysiology and neural imaging
- Gain valuable practical experience via close links with colleagues in clinical psychology and psychology, and professionals in local health services
- Postgraduate research students enjoy excellent training opportunities and support through our Doctoral Academy

### TAUGHT COURSES

Advanced Audiology Studies MSc/PGDip/PGCert **FT** **PT**  
Audiology MSc **FT**

### RESEARCH PROGRAMMES

Audiology MPhil/PhD **FT** **PT**  
Communication Disorders MPhil/PhD **FT** **PT**

*You may also be interested in: Biological Sciences;  
Deaf Education; Medical Sciences.*

Advanced Audiology Studies helps practising audiologists and other health care professionals prepare for advanced roles in clinical management, clinical practice, teaching and research. Wide-ranging units include Paediatric Audiology, Vestibular Assessment and Management, Adult Auditory Assessment and Management, Developing Deaf Child for Paediatric Audiologists, and Language Acquisition – all accredited by the British Academy of Audiology.

Complete single units for CPD purposes, 60 credits for a PGCert, 120 credits for a PGDip, or 120 credits plus a dissertation for the MSc.

## FUNDING

We offer a range of funding opportunities for PhD studentships from the various Doctoral Training Partnerships, including the Medical Research Council and National Institute for Health Research. We also offer scholarships and awards for outstanding international students, as well as a unique International PhD programme with integrated teaching certificate.

[www.manchester.ac.uk/bmh/study/research/funded-programmes](http://www.manchester.ac.uk/bmh/study/research/funded-programmes)

[www.manchester.ac.uk/bmh/study/research/financial-support](http://www.manchester.ac.uk/bmh/study/research/financial-support)

## CAREERS

Our courses prepare you for roles in clinical management, clinical practice, teaching and research.

# BIOLOGICAL SCIENCES

Discover more  
[www.manchester.ac.uk/bmh/study/masters](http://www.manchester.ac.uk/bmh/study/masters)  
[www.manchester.ac.uk/bmh/study/research](http://www.manchester.ac.uk/bmh/study/research)

Our postgraduate opportunities span all fields of life sciences, from the molecule in a cell, to the whole organism and environment. We offer more than 28,000m<sup>2</sup> of research space for the biological sciences, and we proudly foster a scientific culture in which there are no traditional barriers between research disciplines. Shared expertise and the development of new technologies enable us to approach important bioscience problems using novel and innovative methods.

## WHY MANCHESTER?

- State-of-the-art research facilities, including bio-imaging, electron microscopy, flow cytometry, mass spectrometry, bioinformatics, histology, transgenics and x-ray crystallography
- Enjoy training and guidance from expert technical staff
- Ranked fourth nationally in the latest Research Excellence Framework, we're also in the top 10% for research power in biological sciences (REF 2014)
- Postgraduate research students will benefit from excellent training opportunities and support through our Doctoral Academy
- Strong industry links enable a number of placements and project opportunities

### TAUGHT COURSES

Biochemistry MSc **FT**  
Bioinformatics and Systems Biology MSc **FT**  
Biological Sciences MSc **FT**  
Biotechnology and Enterprise MSc **FT**  
Cancer Research and Molecular Biomedicine MSc **FT**  
Cell Biology MSc **FT**  
Chemical Food Safety and Integrity MSc/PGDip/PGCert **PT**  
Clinical Rheumatology and Musculoskeletal Medicine MSc **PT**  
Developmental Biology MSc **FT**  
Genomic Medicine MRes/MSc/PGDip/PGCert/CPD **FT** **PT**  
History of Science, Technology and Medicine MSc (including Medical Humanities award route)\* **FT** **PT**  
Infection Biology MRes **FT**  
Medical Microbiology PGDip\* **FT** **PT**  
Medical Virology MSc/PGDip\* **FT** **PT**  
Neuroimaging for Clinical and Cognitive Neuroscience MSc **FT**  
Neuroscience MSc **FT**  
Science Communication MSc\* **FT** **PT**  
Skin Ageing and Aesthetic Medicine MSc/PGDip **DL**  
Tissue Engineering for Regenerative Medicine MRes **FT**  
Translational Medicine MRes/PGCert **FT**

### RESEARCH PROGRAMMES

Biochemistry MPhil/PhD **FT** **PT**  
Bioinformatics MPhil/PhD **FT** **PT**  
Biomedical Imaging Sciences MPhil/PhD **FT** **PT**  
Biostatistics MPhil/PhD **FT** **PT**  
Biotechnology MPhil/PhD **FT** **PT**

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**Research contact:** ☎ +44 (0)161 275 5608

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✉ [admissions.doctoralacademy@manchester.ac.uk](mailto:admissions.doctoralacademy@manchester.ac.uk)

**Taught contact:** ☎ +44 (0)161 306 5439  
**Research contact:** ☎ +44 (0)161 275 5608

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✉ [admissions.doctoralacademy@manchester.ac.uk](mailto:admissions.doctoralacademy@manchester.ac.uk)



## RESEARCH PROGRAMMES CONTINUED

- Cell Biology MPhil/PhD **FT** **PT**
- Cell Matrix Research MPhil/PhD **FT** **PT**
- Dermatological Sciences MPhil/PhD **FT** **PT**
- Environmental Biology MPhil/PhD **FT** **PT**
- Evolutionary Biology MPhil/PhD **FT** **PT**
- Genetics MPhil/PhD **FT**
- Genomics MPhil/PhD **FT** **PT**
- Immunology MPhil/PhD **FT** **PT**
- Infectious Diseases MPhil/PhD **FT** **PT**
- Inflammation Sciences MPhil/PhD **FT** **PT**
- Medicine MPhil/MD/PhD **FT** **PT**
- Microbiology MPhil/PhD **FT** **PT**
- Molecular Biology MPhil/PhD **FT** **PT**
- Musculoskeletal MPhil/PhD **FT** **PT**
- Neuroscience MPhil/PhD **FT** **PT**
- Nutrition MPhil/PhD **FT** **PT**
- Pharmacology MPhil/PhD **FT** **PT**
- Physiology MPhil/PhD **FT** **PT**
- Plant Science MPhil/PhD **FT** **PT**
- Stem Cell Research MPhil/PhD **FT** **PT**
- Structural Biology MPhil/PhD **FT** **PT**
- Wellcome Trust (Molecular and Cell Biology) PhD **FT**
- Wellcome Trust (Quantitative and Biophysical Biology) PhD **FT**

*You may also be interested in: Audiology; Chemistry; Computer Science; Earth and Environmental Sciences; Medical Sciences.*

## FUNDING

We offer a range of funding opportunities for PhD studentships from the various Doctoral Training Partnerships. These include the Biotechnology and Biological Sciences Research Council, Medical Research Council, Engineering and Physical Sciences Research Council, Wellcome Trust and a PhD programme with A\*STAR Singapore. We also offer a number of scholarships and awards for outstanding international students, as well as a unique International PhD programme with integrated teaching certificate.

[www.manchester.ac.uk/bmh/study/research/funded-programmes](http://www.manchester.ac.uk/bmh/study/research/funded-programmes)

[www.manchester.ac.uk/bmh/study/research/financial-support](http://www.manchester.ac.uk/bmh/study/research/financial-support)

## CAREERS

Our MSc and MRes graduates acquire a vast array of subject-specific and transferable skills, and gain extensive laboratory research experience; we have a strong record of placing students in PhD programmes at Manchester and other universities. Many of our graduates have pursued research careers in industry and academia.

**For taught courses marked with a \* please contact**

☎ +44 (0)161 275 5220

✉ [pgtaught.medicine@manchester.ac.uk](mailto:pgtaught.medicine@manchester.ac.uk)

**Taught contact:** ☎ +44 (0)161 306 5439

**Research contact:** ☎ +44 (0)161 275 5608

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

✉ [admissions.doctoralacademy@manchester.ac.uk](mailto:admissions.doctoralacademy@manchester.ac.uk)

# CHEMICAL ENGINEERING AND ANALYTICAL SCIENCE

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

As one of a small group of elite chemical engineering departments in the UK, our success capitalises on the synergies between chemical engineering and bioscience, chemistry, mathematics, and analytical and measurement science.

Our broad research base enables us to study the design, operation and integration of different complex systems – particularly industrial, biological and instrumentation – and to apply chemical engineering in a 21st-century context.

Explore our virtual open day to find out more about Chemical Engineering and Analytical Science, and what being a student at Manchester is all about:

[http://epsassets.manchester.ac.uk/live/chem\\_eng/vod](http://epsassets.manchester.ac.uk/live/chem_eng/vod)

## WHY MANCHESTER?

Come to the birthplace of chemical engineering – a discipline created by George E Davis of Manchester Technical School in 1887, who wrote the first chemical engineering textbook

Discover some of the best research facilities of any chemical engineering school in the UK, including a large and well-equipped pilot scale area

Join one of the top four places in the UK to study chemical engineering (QS Rankings 2016)

Our Athena SWAN Silver award recognises our commitment to advancing the careers of women in science, engineering and technology in higher education

90% of our research is described as "internationally excellent" or "world-leading" (3\* or 4\*) (REF 2014)

## TAUGHT COURSES

Advanced Chemical Engineering MSc **FT**

Advanced Process Integration and Design MSc **FT**

## RESEARCH PROGRAMMES

Advanced Functional Materials and Analytical Science PhD/MPhil/MSc by Research **FT** **PT**

Biochemical and Bioprocess Engineering PhD/MPhil/MSc by Research **FT** **PT**

Catalysis and Porous Materials PhD/MPhil/MSc by Research **FT** **PT**

Chemical Engineering PhD/MPhil/MSc by Research **FT** **PT**

Multi-Scale Modelling PhD/MPhil/MSc by Research **FT** **PT**

Process Integration PhD/MPhil/MSc by Research **FT** **PT**

Sustainable Industrial Systems PhD/MPhil/MSc by Research **FT** **PT**

*You might also be interested in: Aerospace Engineering; Electrical and Electronic Engineering; Environmental Engineering.*

## FUNDING

You'll find a number of funded PhD studentships linked to specific research projects. Eligible students can apply and awards will be based on the merit of your application against the applications of other candidates.

## CAREERS

Our graduates get excellent jobs. Chemical engineers are among the highest-paid professionals in the engineering field.

Our postgraduate degrees meet the needs of employers by helping to develop skills required for a successful career, such as design, problem solving, numeracy, analysis, communication and teamwork.

Thanks to our excellent international reputation, a postgraduate qualification from Manchester will significantly boost your global career opportunities.

**Taught contact:** ☎ +44 (0)161 306 4837

**Research contact:** ☎ +44 (0)161 306 4837

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

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



# CHEMISTRY

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

We offer comprehensive academic coverage across the chemical sciences and in all core sub-disciplines of chemistry. You'll benefit from our strong research links with more than 80 companies and more than 150 overseas universities and research institutes.

We partner with the University's Manchester Institute of Biotechnology, Dalton Nuclear Institute, Photon Science Institute and National Graphene Institute. Supported by industry, these institutes unite research communities from across chemistry, biosciences, materials, engineering and mathematics, making Manchester a powerhouse of innovative interdisciplinary research and technology.

Our researchers enjoy world-class facilities and lead a diverse range of research centres, including the Centre of Excellence for Biocatalysis, EPSRC National Facility and Service for EPR, Dalton Cumbrian Facility, Organic Materials Innovation Centre, Centre for Radiochemistry Research, Centre for Nanoporous Materials, and Michael Barber Centre for Mass Spectrometry.

## WHY MANCHESTER?

Distinguished history of chemical innovation, from John Dalton and the birth of modern chemistry, to Nobel laureates and Manchester graduates John Polanyi and Michael Smith

Ranked 5th in the UK, 7th in Europe and 38th worldwide for Chemistry (QS World University Rankings 2016)

Study at a multicultural university in a modern and diverse city with a large international community; each year we welcome students from up to 50 countries around the world to our School

One of the largest research schools in the UK, and the premier institution for chemistry in the north of England

Our Athena SWAN Silver award demonstrates our commitment to tackling gender inequality and unequal representation of women in science

92% of research described as "internationally excellent" or "world-leading" (3\* or 4\*) (REF 2014)

### TAUGHT COURSES

Chemistry MSc **FT**

Polymer Materials Science and Engineering MSc **FT** **PT**

### RESEARCH PROGRAMMES

Biological Chemistry MPhil/PhD **FT** **PT**

Chemistry EntD/MEnt/MPhil/PhD/MSc by Research **FT** **PT**

Inorganic Chemistry MPhil/PhD **FT** **PT**

Materials Chemistry MPhil/PhD **FT** **PT**

Organic Chemistry MPhil/PhD **FT** **PT**

Physical Chemistry MPhil/PhD **FT** **PT**

Theoretical Chemistry MPhil/PhD **FT** **PT**

*You might also be interested in: Biological Sciences; Chemical Engineering and Analytical Science; Earth and Environmental Sciences; Materials.*

## FUNDING

We offer a number of funded studentships for postgraduate study. Our current students are funded by the Medical Research Council, Biotechnology and Biological Sciences Research Council, and Engineering and Physical Sciences Research Council, to name but a few. Find opportunities online:

[www.manchester.ac.uk/chemistry/our-research/studentships](http://www.manchester.ac.uk/chemistry/our-research/studentships)

## CAREERS

You'll develop both transferrable and specific skills needed for different careers, giving you excellent employment prospects. Many of our master's students progress to PhD study. Several of our PhD graduates have taken up postdoctoral research positions in the UK or overseas; others have chosen careers in academia or moved into industries such as GlaxoSmithKline, AstraZeneca and NNL.

# CIVIL ENGINEERING

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

Civil engineering concerns the design, manufacture, maintenance and management of infrastructure, including roads, bridges and buildings. It's all about the creation, improvement and protection of a sustainable physical and natural built environment.

Our graduates are held in high regard by industry and find rewarding work in all engineering sectors. You'll gain a thorough understanding of engineering principles, coupled with excellent practical and personal transferable skills.

We're committed to providing you with the best experience. As well as teaching, we support you with an intensive induction programme, research seminars and career development programmes.

We collaborate extensively with industry, local government and government organisations, not only in terms of research and collaborative work, but also in the design and content of all taught courses.

Our PhD students have a dedicated space in our research village.

### TAUGHT COURSES

Commercial Project Management MSc **FT**

Construction Project Management MSc **FT**

Engineering Project Management MSc **FT**

Management of Projects MSc **FT**

Project Management MSc **PT** **DL**

Structural Engineering MSc **FT**

### RESEARCH PROGRAMMES

Civil Engineering MPhil/PhD **FT** **PT**

Management of Projects PhD **FT** **PT**

Project Management DProf **PT**

*You may also be interested in: Aerospace Engineering; Electrical and Electronic Engineering; Environmental Engineering.*

## WHY MANCHESTER?

Long-established large-scale experimental facilities include laboratories for materials testing, heavy structures, fire testing, geotechnics, hydraulics and wind tunnels

Our programmes within the management of projects field specialise in conflict and dispute resolution, people, organisations and culture, risk management, and performance management and evaluation

Strong teaching and research links with more than 300 companies, including industrial links with EDF, GL-Garrad Hassan, Alstom Renewables (Tidal Generation Limited), Offshore Design Engineering and Tecnalia

100% of our impact case studies were graded as "internationally excellent" or "world-leading" (3\* or 4\*) in the last Research Excellence Framework (REF 2014)

## FUNDING

You'll find a number of funding opportunities available for UK and international students. For details, including on our President's Doctoral Scholarship Award and other external funding schemes, visit:

[www.manchester.ac.uk/mace/study/postgraduate-research/funding](http://www.manchester.ac.uk/mace/study/postgraduate-research/funding)

## CAREERS

Our postgraduates pursue a wide range of careers in theoretical and applied research, project appraisal, implementation and management, as well as civil/structural design and analysis.

**Taught contact:** ☎ +44 (0)161 275 1423

**Research contact:** ☎ +44 (0)161 306 9279

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

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

**Taught contact:** ☎ +44 (0)161 306 9219

**Research contact:** ☎ +44 (0)161 275 4345

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

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



# CLASSICS AND ANCIENT HISTORY

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

Our MA in Classics and Ancient History is flexible and wide-ranging. It reflects the broad, multidisciplinary nature of the subject, which includes Latin and Greek language, the history of Greek and Roman antiquity from archaic times to the beginning of the Middle Ages, and Greek and Roman literature, philosophy and culture.

Our extensive collection of specialist research areas includes many diverse topics: Greek social history; history of slavery; war and the commemoration of war; ancient epistolography; papyrology and epigraphy; gender, family, and the household; comparative mythology; classical philology and linguistics; Attic oratory; Roman national identity and imperial ideology; Graeco-Arabic tradition; Greek and Roman philosophy and Hellenistic poetry.

We are proud to be able to offer you a comprehensive and balanced coverage of Greek and Roman history (social, cultural, and intellectual, as well as political, economic, and military), and of Greek and Latin languages and literature, both prose and verse, from Homer to Late Latin texts.

As a master's student, you'll learn Greek or Latin as part of your course – prior knowledge of which isn't essential. Our course offers a specialist pathway, the 'City of Rome', during which students cover Roman social and urban history and have the opportunity to study at the British School in Rome.

## WHY MANCHESTER?

- Access the exclusive holdings of The John Rylands Library – home to one of the most important collections of papyri in the world
- 100% of Classics and Ancient History research environment activities, facilities and resources were judged to be "world-leading" (4\*) or "internationally excellent" (3\*) in the most recent Research Excellence Framework (REF 2014)
- Weekly research seminars feature post-event networking opportunities with guest speakers from the UK and overseas

### TAUGHT COURSES

Classics and Ancient History MA **FT** **PT**

### RESEARCH PROGRAMMES

Classics and Ancient History PhD **FT** **PT**

*You may also be interested in: Archaeology; Art History and Visual Studies; History; Languages and Cultures.*

Our PhD training also includes specialist language support, including lesser-known ancient languages, as well as technical skills such as papyrology and palaeography.

## FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. Find out more online:

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

## CAREERS

Recent PhD graduates have gone on to research fellowships and academic positions in UK and overseas universities including Oxford, UCL, Exeter, Leeds and Manchester. Our master's students have progressed to PhD study, as well as to careers in teaching, research and local and central government.

# COMPUTER SCIENCE

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

Our School of Computer Science is one of the oldest and most established in the UK, with five decades of pioneering developments in the field of computing. We continue to be leaders in our field, with research and industrial collaborations informing the development of our taught master's courses.

Our doctoral programmes deliver high-quality, innovative research, and we have ten research groups operating across the spectrum, from fundamental theory and innovative technology to novel hardware and software systems design. Interdisciplinary collaborations – in areas such as e-science, systems biology, health informatics, complex systems and nanotechnology, including ground-breaking experiments with graphene – also form part of our fundamental ethos.

We'll provide you with the skills to stand out in today's competitive employment market. Our size and research strengths enable us to offer a combination of breadth, depth, and flexibility within our courses that is difficult to find elsewhere.

## FUNDING

We have invested in a range of MSc and PhD studentships for home and international students, which are awarded

## WHY MANCHESTER?

- Ranked in the top 5% in the UK for "research quality" in the most recent Research Excellence Framework, which also confirmed that we offer the best environment in the UK for computer science and informatics research (REF 2014)
- Pioneering research includes new brain-like computer architectures, low-power chip design, medical imaging techniques and new technologies to exploit the power of the web
- Opportunities to showcase your own research and to network and contribute to international conferences and journals
- First-rate facilities with world-class training and support

### TAUGHT COURSES

Advanced Computer Science MSc/MRes **FT** **PT**

Optional pathways for MSc **FT** **PT**:

- ACS: Advanced Web Technologies MSc
- ACS: Artificial Intelligence MSc
- ACS: Computer Security MSc
- ACS: Data and Knowledge Management MSc
- ACS: Digital Biology MSc
- ACS: Multi-Core Computing MSc
- ACS: Semantic Technologies MSc
- ACS: Software Engineering MSc

Data Science MSc **FT**

### RESEARCH PROGRAMMES

Computer Science MPhil/PhD/EngD **FT** **PT**

Computer Systems EngD **FT**

Data Engineering EngD **FT**

Software Systems Engineering EngD **FT**

*You may also be interested in: Alliance Manchester Business School; Electrical and Electronic Engineering.*

on a competitive basis. Find out more online:

[www.manchester.ac.uk/cs/study/taught-masters/apply/fees-and-funding](http://www.manchester.ac.uk/cs/study/taught-masters/apply/fees-and-funding)

[www.manchester.ac.uk/cs/study/postgraduate-research/funding](http://www.manchester.ac.uk/cs/study/postgraduate-research/funding)

## CAREERS

Employers target our graduates, whose skills help them excel in diverse professions. Opportunities exist across finance, films and games, pharmaceuticals, health care, consumer products, public services and more. Graduate destinations include: Twitter, Facebook, Apple, Dell, SAP, Credit Suisse, Google, IBM, Microsoft, ARM, BBC, EA Games, Red Bull Technology, Morgan Stanley and Universal Music Group.

**Taught contact:** ☎ +44 (0)161 306 1259  
**Research contact:** ☎ +44 (0)161 275 3559

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✉ [phdsalc@manchester.ac.uk](mailto:phdsalc@manchester.ac.uk)

**Taught contact:** ☎ +44 (0)161 275 6181  
**Research contact:** ☎ +44 (0)161 275 0699

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✉ [pgr-compsci@manchester.ac.uk](mailto:pgr-compsci@manchester.ac.uk)



# CREATIVE WRITING AND CONTEMPORARY LITERATURE

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

Join our prestigious Centre for New Writing, which brings together the biggest names in contemporary literature to teach you how to write novels, short stories, poems and screenplays. Here, talented writers and critics meet to exchange ideas and opinions, founded on the simple but important principle that good writing and good reading go together.




You'll enjoy: seminars with Jeanette Winterson; workshops in fiction and poetry led by award-winning writers; one-to-one instruction from writers-in-residence; Literature Live, a fortnightly reading series featuring the best contemporary novelists and poets; skills-related sessions by professionals in the publishing industry; and regular visits from literary agents and editors.

We work with talented, committed students in every style and genre, and we pride ourselves on giving detailed, individual feedback both in writing and face-to-face. Our PhD supervision currently includes work on historical fiction, representations of disability, the long poem, fairy tales, narratology and the Bildungsroman.



## WHY MANCHESTER?

- Distinguished teaching staff include: novelists Jeanette Winterson OBE and Kamila Shamsie; poets John McAuliffe and Vona Groarke; screenwriter Tim Price; senior film executive Emma Clarke; and cultural critic Kaye Mitchell
- Internships with literary institutions and, for MA Screenwriting students, structured industry placements with leading production companies
- Our Literature Live reading series attracts an impressive line-up of speakers, such as Anne Enright, Martin Amis, Eleanor Catton, Seamus Heaney, Hilary Mantel, Eimear McBride, Audrey Niffenegger and Patrick Marber
- Association with the Manchester Literature Festival and with UNESCO, Manchester City of Literature

### TAUGHT COURSES

- Creative Writing MA  
- Screenwriting MA 

### RESEARCH PROGRAMMES

- Creative Writing PhD  

*You might also be interested in: Drama; English Literature and American Studies; Linguistics and English Language; Modern Languages and Cultures.*

Our MA Screenwriting is a highly selective, vocationally oriented course that trains exceptional writing talent to enter the UK film and television industries. You'll gain hands-on industry experience through a four-week summer internship at a leading UK film production company. The course advisory board includes major names such as Tony Garnett, Russell T Davies and Abi Morgan.

## FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

## CAREERS

Some of our graduates pursue literary careers and become published writers; others follow their passion through publishing, journalism and careers in the arts sector. Some undertake PhD study; others follow careers in law, librarianship and teaching.

Our alumni include Rebecca Perry, Sophie Hannah, Chris Killen, Emma Jane Unsworth, Jenn Ashworth, Evan Jones, Rory Gleeson, Joey Connolly and Marli Roode.

# DEAF EDUCATION

Discover more  
[www.bmh.manchester.ac.uk/study/masters](http://www.bmh.manchester.ac.uk/study/masters)

Our MSc/PGDip Deaf Education course will help you to train as a Teacher of the Deaf if you're a qualified teacher, or develop research skills that can be applied to this field, helping deaf children across the world reach their full potential.

We offer bespoke training to meet your individual learning needs, which may be required for some learners moving from mainstream teaching. You'll learn theoretical and practical skills that will help you provide quality support to deaf children and their families.

You'll undertake two placements, each lasting four weeks; these may be in a school, resource base, or with a peripatetic service. You'll also study six course units: Language Acquisition, Curricular Access, Developing Deaf Child, Audiological Management, Language Assessment, and Policy and Practice.

Research into radio aids, complex needs, theory of mind, remote placement supervision and Auditory Neuropathy Spectrum disorder all add to our rich training opportunities.

## WHY MANCHESTER?

- Be part of a university where research influences, underpins and delivers improved services for deaf children and their families
- Experience excellence in teaching from nationally and internationally recognised specialists
- Study on the oldest deaf education course in the UK at a university that has been developing expertise in this area for nearly 100 years
- Gain valuable practical experience via close links with school practitioners and services for deaf children
- Enjoy innovative approaches to learning on a course that recently gained a widening participation award for work that welcomed deaf children onto campus

### TAUGHT COURSES

Deaf Education MSc/PGDip  

*You may also be interested in: Education and Audiology.*

You'll have access to a dedicated lab for audiology work, a student resource room, and the largest e-library and specialist deaf education resource in the UK.

This course has Department for Education and Teacher Development Agency approval.

## CAREERS

Employability is high among our alumni who go on to work as qualified Teachers of the Deaf. You may potentially work in a school for the deaf, a unit or resourced provision, at primary or secondary level, or a specialist nursery class. The range of work is varied and can include working with families from early diagnosis within weeks of birth, to children and young people aged up to 25.

You could also move into academic research and higher education.

A small but growing number of Teachers of the Deaf take time out to work abroad (eg through the UN or VSO) to support services in developing countries.

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**Research contact:**  +44 (0)161 275 3559

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

**Taught contact:**  +44 (0)161 306 7601

 [pgtaught.audiology@manchester.ac.uk](mailto:pgtaught.audiology@manchester.ac.uk)



# DENTISTRY

Discover more

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

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

Our wide range of courses offers you the flexibility to further your skills and knowledge in a research capacity (MPhil/PhD), or through a one-year full-time, two-year part-time, or three-year full-time clinically taught course. If you wish to combine clinical work with research, we offer a four-year clinical PhD.

As a student on a taught course, you'll benefit from a large degree of clinical hands-on experience in small groups that ensure optimal staff-to-student interaction.

We have a well-established history of providing quality taught dental courses, with long-standing courses in Endodontics, Fixed and Removable Prosthodontics, Oral and Maxillofacial Surgery, Dental Implantology and Orthodontics and, more recently, courses in Periodontology, Dental Public Health (distance learning) and Restorative and Aesthetic Dentistry (distance learning, collaborative course). We also launched a distance-learning course in Evidence-Based Health Care in 2016.

## WHY MANCHESTER?

Consistent high performances in league tables and student satisfaction surveys

88% of our research is rated "internationally excellent" or "world-leading" (3\* or 4\*) (REF 2014)

Our internationally recognised four-year clinical PhD allows you to maintain and develop clinical skills while completing doctoral research, and can be tailored to accommodate your research and clinical specialty interests

Postgraduate research students benefit from training opportunities and support through our Doctoral Academy

### TAUGHT COURSES

Advanced Clinical Practice – Paediatric Anaesthesia MSc/PGDip/PGCert **PT**

Clinical Dentistry (Paediatric Dentistry) MSc **PT**

Dental Implantology (Dental Specialties) MSc/PGDip/PGCert **PT**

Dental Public Health MRes/MDPH/PGDip/PGCert **FT PT**

Endodontics (Dental Specialties) MSc/PGDip **FT**

Endodontics MSc (Clin): three-year course **FT**

Evidence-Based Health Care MSc **FT PT**

Fixed and Removable Prosthodontics (Dental Specialties) MSc **FT PT**

Fixed and Removable Prosthodontics MSc (Clin): three-year course **FT**

Oral and Maxillofacial Surgery MSc (Clin): three-year course **FT**

Oral and Maxillofacial Surgery (Dental Specialties) MSc/PGDip **FT PT**

Orthodontics MSc (Clin): three-year course **FT**

Periodontology MSc (Clin) three-year course **FT**

Restorative and Aesthetic Dentistry MSc/PGDip **PT**

### RESEARCH PROGRAMMES

Basic Dental Science MPhil/PhD **FT PT**

Biomaterials Science and Dental Technology MPhil/PhD **FT PT**

Clinical Dentistry PhD **FT**

Dental Health Science MPhil/PhD (Clin) **FT PT**

Endodontics MPhil/PhD **FT PT**

Oral and Maxillofacial Surgery MPhil/PhD **FT PT**

Orthodontics MPhil/PhD **FT PT**

Prosthodontics MPhil/PhD **FT PT**

.....  
*You may also be interested in: Biological Sciences; Medical Sciences.*

## FUNDING

We offer a range of funding opportunities for PhD studentships from the various Doctoral Training Partnerships. This includes the Medical Research Council and Engineering and Physical Sciences Research Council.

[www.manchester.ac.uk/bmh/study/research/funded-programmes](http://www.manchester.ac.uk/bmh/study/research/funded-programmes)

[www.manchester.ac.uk/bmh/study/research/financial-support](http://www.manchester.ac.uk/bmh/study/research/financial-support)

## CAREERS

Our internationally recognised postgraduate team will help you reach your career aspirations within a supportive and collegiate environment that is unique to Manchester. Our graduates progress to secure leadership positions in clinical and academic institutions worldwide.

**Taught contact:** ☎ +44 (0)161 275 5220

**Research contact:** ☎ +44 (0)161 275 5608

✉ [pgtaught.dentistry@manchester.ac.uk](mailto:pgtaught.dentistry@manchester.ac.uk)

✉ [admissions.doctoralacademy@manchester.ac.uk](mailto:admissions.doctoralacademy@manchester.ac.uk)



# DRAMA

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

At Manchester we consider drama to be a cultural process as well as a practice. Our research is structured around three key areas: applied theatre and performance, theatre historiographies, and film and screen studies. We critique accepted norms, from new critical examination of popular theatre forms overlooked by scholarship and re-appraising forgotten performances and practitioners, to engaging with contemporary work and practices.

Social engagement is a strong theme across our postgraduate study options; our master's students and researchers are actively making a difference to the lives of communities both overseas and closer to home. We consider the impact of global concerns on local context, such as theatrical responses to climate change, and support of refugee theatre in the Manchester area.

We have a long history of developing and collaborating in new platforms for public research and knowledge exchange, such as our Humanitarian and Conflict Response Institute and the biannual Insight Film Festival, which supports young people in making films exploring inter-faith dialogue and community cohesion.

Founded on the belief that the arts have the power to change people's lives, our University-based Theatre in Prisons and Probation Centre provides a regional and national focus for a breadth of creative arts projects in

## WHY MANCHESTER?

Work with highly regarded scholars in one of the UK's leading drama research centres – Manchester ranked second nationally among UK drama departments in the last Research Excellence Framework (REF 2014)

Engage with Manchester's vibrant cultural life directly through work placement opportunities and research collaborations with cultural sector partners such as Contact Theatre, HOME, the Royal Exchange Theatre and the Theatre in Prisons and Probation Centre

### TAUGHT COURSES

Film Studies MA **FT** **PT**

### RESEARCH PROGRAMMES

Anthropology, Media and Performance PhD **FT** **PT**

Applied Theatre Professional Doctorate **FT** **PT**

Drama PhD **FT** **PT**

*You may also be interested in: Arts Management and Cultural Policy; Creative Writing and Contemporary Literature; English and American Studies; Music.*

criminal justice settings. Our In Place of War project has researched performance from sites of armed conflict and by artists and communities displaced by war, from the Democratic Republic of Congo to Kosovo.

As a student here you'll explore how the intersection of multidisciplinary themes in theatre, film, performance and screen can be explored for the benefit of wider society – from the use of film as a tool for community engagement to anthropological approaches and applied theatre.

## FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

## CAREERS

Drama at Manchester has a worldwide reputation. Our graduates pursue careers in the creative industries as practitioners, artists, producers and filmmakers. Some enter associated fields such as arts education, while others pursue research or successful academic careers.

# EARTH AND ENVIRONMENTAL SCIENCES

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

Earth and environmental sciences involves the study of the past, current and predicted future state of our planet, including the context of the solar system as a whole. One of our key research areas focuses on understanding processes from nano-/molecular scales to planetary scales, with expertise covering the geosphere, biosphere, hydrosphere and atmosphere.

Our high-impact research has implications for climate change, food security, oil, gas and mineral exploration and exploitation, protecting people from environmental hazards – both physical and chemical – and improving the sustainable use of the inorganic, organic and living resources of our planet.

## WHY MANCHESTER?

Described as "internationally excellent" and "world-leading", we ranked in the top five schools in the UK in the latest Research Excellence Framework (REF 2014)

Recently strengthened by the expansion of the School to include environmental ecology and evolutionary biology research groups

World-class research facilities, including: our own aircraft for atmospheric studies; high-performance computers for modelling and simulation; laboratories to handle geochemical and microbial samples for chemical, isotopic, mineralogical and microbiological analysis; and new greenhouse facilities for plant and soil biology research

Innovative and internationally recognised taught courses led by experienced academics, with a strong network of industrial links

### TAUGHT COURSES

Petroleum Exploration Geoscience MSc **FT**

Petroleum Geoscience for Reservoir Development and Production MSc **FT**

Pollution and Environmental Control MSc **FT** **PT**

### RESEARCH PROGRAMMES

Animal Biology MPhil/PhD **FT** **PT**

Atmospheric Sciences MPhil/MSc by Research/PhD **FT** **PT**

Basin Studies and Petroleum Geoscience MPhil/MSc by Research/PhD **FT** **PT**

Bioarchaeology MPhil/PhD **FT** **PT**

Biomolecular Sciences MPhil/PhD **FT** **PT**

Biotechnology MPhil/PhD **FT** **PT**

Earth, Atmospheric and Environmental Sciences MPhil/MSc by Research/PhD **FT** **PT**

Environmental Biology MPhil/PhD **FT** **PT**

Environmental Geochemistry and Geomicrobiology MPhil/MSc by Research/PhD **FT** **PT**

Evolutionary Biology MPhil/PhD **FT** **PT**

Genetics MPhil/PhD **FT** **PT**

Isotope Geochemistry and Cosmochemistry MPhil/MSc by Research/PhD **FT** **PT**

Microbiology MPhil/PhD **FT** **PT**

Molecular Biology MPhil/PhD **FT** **PT**

Palaeontology MPhil/MSc by Research/PhD **FT** **PT**

Physics and Chemistry of Minerals and Fluids MPhil/MSc by Research/PhD **FT** **PT**

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**Research contact:** ☎ +44 (0)161 275 3559

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RESEARCH PROGRAMMES CONTINUED

Plant Science MPhil/PhD    
Structural and Petrological Geoscience  
MPhil/MSc by Research/PhD  

*You might also be interested in: Geography;  
Planning and Environmental Management.*

Our broad range of postgraduate research opportunities includes atmospheric science, planetary and earth science, ecology, evolutionary biology and molecular environmental science. You'll have the opportunity to work alongside some of the best scientists in their fields in our large, vibrant graduate school. Many of our MPhil, MSc by Research and PhD projects are linked with academic collaborators from other Schools or institutions, or with industrial collaborators.

Cross-disciplinary centres include the Centre for Atmospheric Science, Williamson Research Centre for Molecular Environmental Science, Research Centre for Radwaste Disposal and Interdisciplinary Centre for Ancient Life.

We also offer taught MSc courses in Pollution and Environmental Control (MPEC), which has run since 1978, and in Petroleum Geoscience, which has very close links with the petroleum industry.

FUNDING

We typically have around 20 funded NERC DTP, STFC DTP, BBSRC DTP and EPSRC PhD scholarships available each year for eligible UK or EU applicants. Exceptional international candidates may be eligible for other competitive funding opportunities. Strong links with industry mean that we have a large number of industrially funded research projects that offer part or full scholarships throughout the year.

CAREERS

Our postgraduates collectively pursue a wide range of careers in academia, the petroleum industry and the environmental sector (including radioactive waste disposal), as well as a range of broader careers requiring the generic and technical skills developed through our research and taught postgraduate programmes.

ECONOMICS

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

Economics at Manchester has a long and rich history dating back to the 19th century, when the mathematical method was introduced into economics. Distinguished scholars who have held positions at Manchester include William S Jevons and Nobel laureates John R Hicks (1972), Arthur Lewis (1979) and Joseph E Stiglitz (2001).

The latest Research Excellence Framework (REF 2014) ranked Manchester seventh out of 28 economics departments in terms of research power in the UK, with 75% of our activity rated as "world-leading" or "internationally excellent". More than 60 full-time academic members conduct research on a diverse range of topics.

Our graduate courses are specialist and, with a combined annual intake of only 100 students, they are small in size, for a more intensive learning experience. We also offer the option to undertake research for a PhD/MRes. Many students on the MA or MSc progress to a PhD at Manchester or elsewhere, while others find jobs with high-profile employers around the world.

Our PhD/MRes in Economics is a new graduate programme with an American-style structure, designed to offer world-class training in modern economics. Faculty members involved in PhD supervision specialise in the following research areas: behavioural economics; development economics; econometrics and applied economics; economic theory and mathematical economics; environmental economics; financial

TAUGHT COURSES

Economics MA/MSc    
Financial Economics MSc  

RESEARCH PROGRAMMES

Economics PhD/MRes (2+2)  

*You may also be interested in: Alliance Manchester  
Business School; International Development.*

economics; macroeconomics; monetary economics; and political economy.

Our PhD/MRes is structured as a '2+2' training period, with dedicated postgraduate research courses in Year 2 and the possibility to extend training by a further writing-up year. All our MSc courses have ESRC recognition and allow for entry into Year 2 of the PhD programme.

FUNDING

Applications to our PhD/MRes programmes are evaluated in three different rounds during the academic year. Please see our website for up-to-date information.

Our department typically offers around ten scholarships (covering the tuition fee and an annual stipend similar to the ESRC), and a research training support budget of £1,000. Several teaching assistantships are also available. For details of funding opportunities, visit our website:

[www.manchester.ac.uk/socialsciences/study/masters/fees-and-funding](http://www.manchester.ac.uk/socialsciences/study/masters/fees-and-funding)

[www.manchester.ac.uk/socialsciences/study/postgraduate-research/funding](http://www.manchester.ac.uk/socialsciences/study/postgraduate-research/funding)

CAREERS

Employability is high among our postgraduate alumni. Economics graduates have, for example, gone on to work in local government / civil service, within banks and financial institutions, and for charities. Others have gone on to further study.

WHY MANCHESTER?

- One of Europe's leading centres for economics research and research-led teaching
- Internationally renowned for postgraduate training with a range of master's courses and exposure to state-of-the-art research and tools
- Equips graduates with the intellectual apparatus and practical skills necessary for a professional economist
- Doctoral programme with funding possibilities



# EDUCATION

Discover more  
[www.manchester.ac.uk/education](http://www.manchester.ac.uk/education)  
[www.manchester.ac.uk/pgce](http://www.manchester.ac.uk/pgce)


At Manchester we seek to enable positive, evidence-informed change in educational settings throughout the world. We examine how policy and practice in the context of wider challenges of poverty can become more equitable for those educationally disadvantaged.

Our international research expertise crosses diverse areas, including: educational policy and leadership; critical pedagogies and maths education; special educational and additional needs; and equity, disadvantage and poverty.

We are ranked as the best university provider of initial teacher training in the north of England (*The Good Teacher Training Guide* 2017). Our PGCEs offer you a postgraduate qualification and qualified teacher status, and we also offer the School Direct route into teaching.



## TAUGHT COURSES


Digital Technologies, Communication and Education MA   

Education (International) MA 

Educational Leadership MA  


Intercultural Communication MA (taught in conjunction with the School of Arts, Languages and Cultures)  

Psychology of Education MEd  

Research Methods with Education MSc 


TESOL MA  

## RESEARCH PROGRAMMES


Counselling Psychology PhD 

Education EdD 


Education PhD  

Educational and Child Psychology DEdChPsy 


## POSTGRADUATE TEACHER TRAINING

PGCE Primary 

PGCE Secondary Biology 


PGCE Secondary Business Education 

PGCE Secondary Chemistry 

PGCE Secondary Economics and Business Education 

PGCE Secondary English 

PGCE Secondary French 

PGCE Secondary Geography 


PGCE Secondary German 

PGCE Secondary History 

PGCE Secondary Mathematics 

PGCE Secondary Physics 

## POSTGRADUATE TEACHER TRAINING CONTINUED

PGCE Secondary Physics with Mathematics 

PGCE Secondary Spanish 

Our postgraduate teacher training courses are also available through School Direct – see our website or contact us for more details.

*You may also be interested in: Psychological Sciences.*

## FUNDING

We offer a number of postgraduate taught scholarships and merit awards to outstanding applicants. We also usually fund up to ten new PhD students each year through studentships equivalent to those provided by the Economic and Social Research Council. Find out more online:


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

## CAREERS

Graduates from our master's and doctoral programmes go on to positions of seniority in their home country's educational system. Some provide professional development for teachers, or take up advisory roles for national and international education organisations.

## CONTACT

### PGCE courses

 +44 (0)161 275 3617


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


## WHY MANCHESTER?

- Large graduate educational research community – more than 1,000 postgraduate education students choose Manchester every year
- Strong international student community drawn from educational contexts all over the world
- PGCEs rated "outstanding" by Ofsted

**Taught contact:**  +44 (0)161 275 0969

**Research contact:**  +44 (0)161 275 0969

 [seed.admissions@manchester.ac.uk](mailto:seed.admissions@manchester.ac.uk)

 [seed.admissions@manchester.ac.uk](mailto:seed.admissions@manchester.ac.uk)



# ELECTRICAL AND ELECTRONIC ENGINEERING

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

Electrical and electronic engineering has an impact on virtually everyone in the world. From the basics of providing heat and light, through to the advanced electrical and electronic systems associated with global positioning systems, space exploration or advances in medical science, the subject is indispensable, adding intelligence to many systems.

The world relies on the ingenuity of electrical and electronic engineers so it can continue to progress and enable life to be more sustainable – and fun! The range of activities associated with the subject is immense and includes the development of new materials for plastic electronics and photovoltaics, the implementation of graphene in sensor systems and the design of the power system networks needed to effectively harness energy from a range of generation technologies.

Our contribution to these advances is evidenced by our impressive result in REF 2014, the national audit of university research excellence. We were ranked in the top three UK institutions in our discipline – a clear indication of the importance and relevance of our research.

## WHY MANCHESTER?

- Specialist MSc courses attracting a large number of outstanding students each year
- Research activities crossing six key areas: control systems; electrical energy and power systems; microelectronics and nanostructures; microwave and communication systems; power conversion; sensing, imaging and signal processing
- 93% of our research ranked as “world-leading” or “internationally excellent” in the last Research Excellence Framework (REF 2014)
- We host the Centre for Doctoral Training in Power Networks, funded by the Engineering and Physical Sciences Research Council (EPSRC)

### TAUGHT COURSES

- Advanced Control and Systems Engineering MSc **FT**
- Communications and Signal Processing MSc **FT**
- Electrical Power Systems Engineering MSc **FT** **DL**
- Advanced Electrical Power Systems Engineering (two-year / 240 credits) MSc **FT**
- Renewable Energy and Clean Technology MSc **FT**

### RESEARCH PROGRAMMES

- Electrical and Electronic Engineering MPhil/PhD **FT** **PT**
- Power Networks CDT PhD **FT**
- You might also be interested in: Aerospace Engineering; Chemical Engineering and Analytical Science; Civil Engineering; Computer Science.*

## FUNDING

We attract industrial and research council funding, enabling us to fully fund a number of outstanding research students each year.

## CAREERS

Our MSc graduates acquire in-depth education in modern design, exposure to the expanding range of applications, hands-on experience and integration into state-of-the-art systems. Our research students add to these attributes an in-depth knowledge of research techniques and very detailed expertise in the area of their research.

Our students have been employed by companies such as ABB, ABILITY, ASTRON, BAE Systems, BP, China State Grid, Cummings Turbo Technologies, GE Energy, National Grid, National Instruments, Rolls-Royce, Siemens and Wood Group PSN. Many have also obtained academic positions at a range of universities in the UK and worldwide.

# ENGLISH AND AMERICAN STUDIES

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

Discover a thriving, creative environment with a vibrant research culture, close links to our Centre for New Writing, involvement in the Manchester Literature Festival and access to the world-class John Rylands Library.

Our MA in English and American Studies covers a range of different periods, genres and approaches, combining recent theoretical developments with a varied selection of literary and cultural sources. The MA encourages and seeks to develop your intellectual range and flexibility.

Our interdisciplinary MA in Gender, Sexuality and Culture examines feminist and queer theory and history, and the intersections between different social categories such as gender, sexuality, race, class and trans. You can take options from across the arts and social sciences, including sociology, history, literature and film. You could also take part in our annual Sexuality Summer School: a week of debates and cultural events with leading feminist and queer academics in dialogue with activists, writers and filmmakers.

Our MA in Modern and Contemporary Literature prepares you for research in post-1900 literature and its contexts, and is also popular with those who wish to further their critical engagement with the period. It draws on the expertise of more than 30 academic staff,

## WHY MANCHESTER?

- 75% of our research is rated “world-leading” (4\*) or “internationally excellent” (3\*) (REF 2014)
- Our stimulating research environment includes seminars, masterclasses, public lectures, symposia and reading groups, as well as class time
- Our Literature Live reading series attracts an impressive line-up of speakers, such as Anne Enright, Martin Amis, Eleanor Catton, Seamus Heaney, Hilary Mantel, Eimear McBride, Audrey Niffenegger, and Patrick Marber
- Association with UNESCO Manchester City of Literature

### TAUGHT COURSES

- English Literature and American Studies MA **FT** **PT**
- Modern and Contemporary Literature MA **FT** **PT**
- Gender, Sexuality and Culture MA **FT** **PT**

### RESEARCH PROGRAMMES

- English and American Studies PhD (and as part of interdisciplinary research projects) **FT** **PT**
- You may also be interested in: Creative Writing and Contemporary Literature; Drama; Film Studies; Modern Languages and Cultures; Social Anthropology.*

as well as resources in 20th and 21st-century literature, culture and theory.

Our current research profile includes both traditional and new fields and methods across the chronological span and the theoretical range of the subject. Areas of international research excellence include Medieval and Renaissance Literature, Romanticism, Victorian Literature and Culture, Modernism, American Studies, Gender and Sexuality Studies, and Cultural Theory.

## FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

## CAREERS

Our postgraduates pursue successful careers as academics, as well as public and private sector roles in law, publishing, retail, education, librarianship, the media, charities and management. Our dedicated graduate school delivers training, workshop sessions and programmes, each designed to foster the continual professional development of our postgraduates.

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✉ [phdsalc@manchester.ac.uk](mailto:phdsalc@manchester.ac.uk)



# ENVIRONMENTAL ENGINEERING

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



Within our multidisciplinary team, you'll study alongside leading academics in environmental engineering. Drawing on expertise in bioenergy and biomass, sustainable nuclear energy, low-carbon transport, renewable energy socio-economics, and carbon capture and storage, we develop practical solutions to some of society's most pressing environmental challenges.

You'll gain a thorough understanding of engineering principles, coupled with excellent practical and personal transferable skills. Our stimulating research environment enables you to develop skills in whole systems, sustainability appraisal and emissions accounting, and to engage with a world-leading interdisciplinary research team.

Research programmes are supported by induction courses, regular research seminars and career development programmes. We encourage and support international engagement, and collaborate extensively with industry, councils, government organisations and international partners.

State-of-the-art computational and experimental facilities will support your research. Every PhD student has a dedicated place in our research village, alongside

## RESEARCH PROGRAMMES

Environmental Engineering MPhil/PhD  

*You might also be interested in: Civil Engineering; Planning and Environmental Management.*

other PhD students working on similar topics. The village offers individual study areas, computer spaces, meeting rooms, a kitchen, and much more. 'Village reps' regularly meet with our Director of Graduate Studies to discuss relevant issues and organise social events.

## FUNDING

You'll find a number of funding opportunities available for UK and international students. For more details, including on our President's Doctoral Scholar Award and external funding schemes, visit our website:

[www.manchester.ac.uk/mace/study/postgraduate-research/funding](http://www.manchester.ac.uk/mace/study/postgraduate-research/funding)

## CAREERS

You'll find extensive career opportunities across environmental engineering, including academic careers, engineering and environmental consultancies, policy development roles and other influential and strategic positions.

Graduates leave us with a breadth of strong technical and interpersonal skills and expertise far beyond their particular degree specialism. They progress into a wide variety of careers within engineering (eg consulting engineers, R&D companies, construction sector), academia, public services (eg civil service, policy change) and commerce (eg IT, finance).

Our PhD provides significant career acceleration and facilitates entry into positions with greater responsibility and diverse opportunities. Furthermore, it increasingly provides entrepreneurial opportunities, exploiting skills and knowledge acquired during the programme.

## WHY MANCHESTER?


Close links with our world-leading research centres, including the Tyndall Centre for Climate Change Research, Dalton Nuclear Institute, Sustainable Consumption Institute, Manchester Energy and SUPERGEN Bioenergy Hub

Strong teaching and research links with industry; influence on climate policy

More than 200 years' expertise in teaching engineering, and many of our graduates achieve excellence on a worldwide stage

100% of our impact case studies were graded as "internationally excellent" or "world-leading" (3\* or 4\*) in the last Research Excellence Framework (REF 2014)

Research contact:  +44 (0)161 275 4345

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



# GEOGRAPHY

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



Geography has been taught at Manchester for 125 years. The focal point of the Industrial Revolution, Greater Manchester's rich landscape, heritage and cultural vibrancy make it a geographically interesting region of the UK.

You'll be taught by enthusiastic and experienced academics who are widely recognised for the quality of their contributions to the international research community. In human geography, we have a strong reputation in the areas of economic, urban and social geography, and we are home to the Manchester Urban Institute. In physical geography, we have a long tradition of research in environmental change, geomorphology and human-environment interactions.

## TAUGHT COURSES

Environmental Governance MSc  


Environmental Monitoring, Modelling and Reconstruction MSc  

Geographical Information Science MSc  

Research Methods with Human Geography MSc 

## RESEARCH PROGRAMMES

Human Geography PhD  

Physical Geography PhD  

*You may also be interested in: Earth and Environmental Science; Humanitarianism, Conflict Response, Disaster Management and Peacebuilding; Planning and Environmental Management.*

## FUNDING

We offer a number of postgraduate taught scholarships and merit awards to outstanding applicants. We also usually fund up to ten new PhD students each year through studentships equivalent to those provided by the Economic and Social Research Council.

## CAREERS

Our programmes will equip you with the skills necessary to take up specialist positions in government agencies, NGOs, environmental industries and consultancies, or to go on to further research and academic careers.

## WHY MANCHESTER?

Ranked fourth in the UK for geography (*The Guardian University Guide 2018*)

Custom-built geography laboratories and cutting-edge GIS computer software

Excellent opportunities for work placements and international fieldwork

Taught contact:  +44 (0)161 275 0969

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# HEALTH DATA SCIENCE

Discover more  
[www.manchester.ac.uk/bmh/study/masters](http://www.manchester.ac.uk/bmh/study/masters)  
[www.manchester.ac.uk/bmh/study/research](http://www.manchester.ac.uk/bmh/study/research)

Our MSc Health Data Science course aims to create a new breed of scientist who can understand the health care sector and medicine, how data is collected and analysed, and how this can be communicated to influence various stakeholders.

The current model of health care delivery in the UK is subject to unprecedented challenges. An ageing population, the impact of lifestyle factors and increasing costs mean that the existing approaches may become unsustainable. This, coupled with a drive towards personalised medicine, presents an opportunity for a step change in health care delivery.

This MSc promotes the need for translational thinking to provide the knowledge, skills and understanding that will be applied across new challenges within health care delivery. Students from a variety of professional backgrounds will benefit from the course, as the structure ensures that you will share this knowledge with each other and learn to work in multidisciplinary teams.

You can also study individual units of the MSc course for CPD purposes, or combine units for a PG Diploma or Certificate.

Our postgraduate courses in health data science are embedded in a world-leading research environment that

## WHY MANCHESTER?

- Learn how to work within a team to collect and interpret health data and use it to help solve health care delivery challenges
- Experience key technical skills and software for working with and manipulating health data
- Access sophisticated research and teaching facilities at the Medical Research Council's Health eResearch Centre (HeRC)
- Open up a wealth of career opportunities in the NHS, industry and academia – an estimated 52,000 data scientists are needed in the UK alone

### TAUGHT COURSES

Health Data Science MSc/PGDip/PGCert **FT** **PT**

### RESEARCH PROGRAMMES

- Bioinformatics MPhil/PhD **FT** **PT**
- Epidemiology MPhil/PhD **FT** **PT**
- Health Economics MPhil/PhD **FT** **PT**
- Health Informatics MPhil/PhD **FT** **PT**
- Health Psychology MPhil/PhD **FT** **PT**
- Primary Care and Health Services Research MPhil/PhD **FT** **PT**
- Public Health MPhil/PhD **FT** **PT**

hosts the Connected Health Cities programme, funded by The Department of Health – and is integral to the NIHR Greater Manchester Patient Safety Translational Research Centre and the Manchester Biomedical Research Centre.

## FUNDING

We offer a range of funding opportunities for PhD studentships from the various Doctoral Training Partnerships, including the Medical Research Council and National Institute for Health Research. We also offer a number of scholarships and awards for outstanding international students, as well as a unique International PhD programme with integrated teaching certificate.

[www.manchester.ac.uk/bmh/study/research/funded-programmes](http://www.manchester.ac.uk/bmh/study/research/funded-programmes)

[www.manchester.ac.uk/bmh/study/research/financial-support](http://www.manchester.ac.uk/bmh/study/research/financial-support)

## CAREERS

Those studying health data science have a wealth of career opportunities in the health care sector, industry (eg biopharma, IT) and academia. Previous Manchester alumni have been clinicians and healthcare professionals in the NHS, or have continued to study for a PhD.

# HERITAGE STUDIES

Discover more  
[www.manchester.ac.uk/icp](http://www.manchester.ac.uk/icp)  
[www.manchester.ac.uk/museology](http://www.manchester.ac.uk/museology)

Our MA in Heritage Studies is ideal if you want to develop your knowledge and career in heritage policy, management, conservation, learning, engagement and enterprise. You'll study the theory and practice of heritage making, management and use in local, national and international contexts. The course includes both the practical aspects of conservation and management, and a study of social, political and economic dynamics in cultural, archaeological, built and natural heritage.

You'll examine current and emerging heritage practices with leading professionals and academics in the field. We promote academic and professional collaboration with the heritage profession across the region, the UK and overseas. As part of the University's Institute for Cultural Practices (ICP), we work closely with the Centre for Museology and Centre for Arts Management and Cultural Policy to provide postgraduate and professional programmes that combine academic excellence with work-based training.

You can cover a multitude of practical subject areas, including: heritage policy and management; natural heritage; intangible heritage; digital heritage and more.

## WHY MANCHESTER?

- Practice-based courses with a vocational emphasis
- Strong working relationships with heritage organisations throughout Britain and overseas enable placements and research with a host of institutions, such as Quarry Bank Mill, Manchester Histories Festival, Imperial War Museum North and the Museum of Science and Industry
- Opportunities to design and participate in live projects with heritage organisations in Manchester – eg designing heritage management plans, developing exhibitions, producing heritage events and working on creative collaborative projects

### TAUGHT COURSES

Heritage Studies MA **FT** **PT**

### RESEARCH PROGRAMMES

- Museology PhD **FT** **PT**
- Museum Practice Professional Doctorate **FT** **PT**

*You might also be interested in: Arts Management and Cultural Policy; Museology.*

You'll acquire practical experience with behind-the-scenes activity and audience engagement work, courtesy of placements and live collaborative projects with local heritage organisations.

Throughout the course, you will: consider diverse issues related to critical heritage theory and practice; visit numerous museums, historic houses, open-air sites and other cultural organisations; and have many opportunities to discuss ideas and issues with professionals and academics in the field.

Early and mid-career professionals can also develop their knowledge in particular areas of heritage practice through our range of standalone creative professional development course units.

## FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

## CAREERS

Our ICP alumni have gone on to pursue successful careers in the heritage and cultural sectors at home and overseas. Destinations include: Project Officer at Sheffield Cathedral; Architectural Investigator at English Heritage; and Exhibition Researcher at Imperial War Museum North.

**Taught contact:** ☎ +44 (0)161 275 1798  
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# HISTORY

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

Manchester offers you world-class expertise in a department that stands out for its chronological, geographical and methodological range. As part of our vibrant research community, you'll have the opportunity to participate in departmental research seminars, workshops and masterclasses with international scholars. You'll also benefit from access to the city's abundant research resources, including Chetham's Library, the oldest public library in the English-speaking world.

We offer one of the broadest MA courses in the country, encompassing cultural, economic, political and social history, and covering the Americas, Africa, China, India and Russia, as well as Europe and the UK. You'll personalise your MA by choosing from core units including: Medieval and Early Modern; Modern British; Transnational; Post-Colonial; History of Capitalism; and War, Conflict and Culture. You'll also select from one of the largest collections of dedicated optional courses in the UK, with topics ranging from the history of Manchester to the study of cultural theory.

You can choose whether to exploit the vocational aspects of your course, including our film-making course, or to focus on research training for future doctoral work.

## WHY MANCHESTER?

- Work with internationally acclaimed academics in a department at the cutting edge of historical research – the most recent Research Excellence Framework ranked History at Manchester fourth in the UK for quality of publications (REF 2014)
- Draw on the rich library and archive holdings of Greater Manchester, including the world-famous special collections of our own John Rylands Library
- Boost your employability by studying at a university that encourages outward-facing research and social engagement

### TAUGHT COURSES

History MA **FT** **PT**  
Medieval and Early Modern Studies MA **FT** **PT**

### RESEARCH PROGRAMMES

History MPhil/PhD **FT** **PT**  
*You may also be interested in: Archaeology; Art History and Visual Studies; Classics and Ancient History.*

Our Medieval and Early Modern Studies MA enables you to pursue your interest in the literatures, histories and cultures of the European Middle Ages and Early Modern periods, with classes conducted at the University's historic John Rylands Library – home to one of the world's finest collections of rare books and manuscripts.

## FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

## CAREERS

Our master's students can enhance their employability and learn about history in practice through our dedicated work placement scheme, featuring city-wide partner institutions such as Manchester Histories Festival and the People's History Museum.

PhD students also have the opportunity to engage directly with cultural organisations through our Researchers in Residence scheme.

# HUMANITARIANISM, CONFLICT RESPONSE, DISASTER MANAGEMENT AND PEACEBUILDING

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

Our leading global centre is an unrivalled learning environment for students interested in careers in humanitarian aid or research. An exceptionally wide breadth of disciplinary traditions and research expertise incorporates the history, politics and social aspects of humanitarian and conflict issues.

Our Humanitarian and Conflict Response Institute connects teaching, research and practice, while keeping an independent critical perspective. Our researchers are accomplished practitioners whose impact reaches major NGOs, charities, policy and regulation on a global scale. We analyse humanitarian action, combining theoretical, historical, political and cultural depth with practice-based perspectives on humanitarian interventions and their characteristics, theoretical models and operational boundaries. You can work with and learn from leading academics from the UK and overseas.

Our research trips enable access to areas recovering from disasters and/or conflict. Students can travel to countries such as Uganda to critically interrogate humanitarian practices through the design and implementation of an individual research project.

## WHY MANCHESTER?

- Engage first-hand with the people, projects and organisations that shape humanitarian aid, global health, disaster management, conflict response and intervention issues around the world
- Our inclusive approach unites medicine and humanities, mirroring the reality of aid operations and informing both analytical and applied disciplines
- We develop an academic and professional agenda for humanitarians worldwide, and provide robust education for practitioners at every level

### TAUGHT COURSES

Disaster Management (Resilience, Response and Relief) MSc (online distance learning in collaboration with The Hong Kong Polytechnic University) **FT** **DL**  
Global Health MSc/PGCert/PGDip **PT** **DL**  
Humanitarian Practice MSF Distance Learning MSc **PT** **DL**  
Humanitarianism and Conflict Response MA **FT** **PT**  
International Disaster Management MSc **FT** **PT**

### RESEARCH PROGRAMMES

Humanitarianism and Conflict Response PhD **FT** **PT**  
*You may also be interested in: Geography; Planning and Environmental Management.*

## FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

## CAREERS

The specialist skills you'll gain through our programmes will offer you a host of career and further study options – from international institutions such as the UN Peacebuilding Commission to think tanks, and from international NGOs to local resilience forum roles within the civil service. NGO partners and prospective future employers include Save the Children, International Alert and Médecins Sans Frontières.

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**Research contact:** ☎ +44 (0)161 275 3559

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# INTERNATIONAL DEVELOPMENT

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

Through education, research and policy analysis, Manchester's Global Development Institute (GDI) aims to promote social and economic development and to reduce poverty, particularly within lower-income countries and disadvantaged groups. We address inequalities in order to promote a socially just world in which all people, including future generations, may enjoy a decent life.

We have 60 years of experience in training practitioners and leaders to provide solutions to the growing complex challenges facing organisations, institutions and society today. Our alumni community includes 10,000 individuals from over 170 countries, and the combined field experience of our staff covers more than 60 countries.

Our GDI research has a significant impact around the world; in the most recent Research Excellence Framework we were ranked first for research impact and second for research quality in the UK (REF 2014).

## WHY MANCHESTER?

- Europe's largest dedicated international development research and teaching institute
- Ranked 14th in the world for development studies (QS World University Rankings 2018)
- Gain the skills necessary to take up specialist positions in development-related NGOs and in public and private organisations

### TAUGHT COURSES

- Development Economics and Policy MSc **FT** **PT**
- Development Finance MSc **FT** **PT**
- Global Urban Development and Planning MSc **FT** **PT**
- Human Resource Development (International Development) MSc **FT** **PT**
- Human Resource Development and Management (International Development) MSc **DL**
- Human Resource Management (International Development) MSc **FT** **PT**
- ICTs for Development MSc **FT** **PT**
- International Development MSc **FT** **PT**
- International Development: Development Management MSc **FT** **PT**
- International Development: Environment, Climate Change and Development MSc **FT** **PT**
- International Development: Globalisation, Trade and Industry MSc **FT** **PT**
- International Development: Politics, Governance and Development Policy MSc **FT** **PT**
- International Development: Poverty, Conflict and Reconstruction MSc **FT** **PT**
- International Development: Poverty, Inequality and Development MSc **FT** **PT**
- International Development: Public Policy and Management MSc **FT** **PT**
- Management and Implementation of Development Projects MSc **FT** **PT**
- Management and Information Systems: Change and Development MSc **FT** **PT** **DL**
- Organisational Change and Development MSc **FT** **PT**
- Research Methods with International Development MSc **FT**

### RESEARCH PROGRAMMES

- Development Policy and Management PhD **FT** **PT**

*You may also be interested in: Alliance Manchester Business School; Humanitarianism, Conflict Response, Disaster Management and Peace Building.*

### FUNDING

The Global Development Institute offers a number of masters scholarships to outstanding applicants. We also fund up to ten new PhD students each year through studentships equivalent to those provided by the Economic and Social Research Council.

### CAREERS

Our courses equip you with the skills necessary to take up specialist positions in development-related NGOs and in public and private organisations in the UK and overseas. This includes positions with direct project design and implementation responsibilities, project management, or broader strategic or policy-related responsibilities.

Recent graduates have taken up roles across the globe, including in developing and transitional countries in the Middle East, Africa, Latin America and Asia. Others have pursued further academic study and research, often leading to academic careers.

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**Research contact:** ☎ +44 (0)161 275 0969

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# LANGUAGES AND CULTURES

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

Our research is driven by an engagement with pressing, international concerns in a global and cross-cultural context.

You'll have the opportunity to investigate languages in the context of their social, aesthetic, political and ethical cultures.

Whether you want to focus your research on a specific language, or work across language boundaries, our wide-reaching research expertise means we can offer you dedicated doctoral support.

## WHY MANCHESTER?

- Ranked third in the UK for research power in modern languages and linguistics in the last Research Excellence Framework (REF 2014)
- Access one of the UK's leading research libraries and the resources of our University Language Centre
- We play an active role in three Arts and Humanities Research Council-funded national consortia: the British Inter-University China Centre, the Centre for Advanced Study of the Arab World, and the Centre for the East European Language-Based Area Studies
- Our annual Palaver Festival offers opportunities to explore links between language and performance across a range of arts genres, from song to theatre

### RESEARCH PROGRAMMES

- Arab World Studies PhD **FT** **PT**
- Chinese Studies MPhil/PhD **FT** **PT**
- East Asian Studies MPhil/PhD **FT** **PT**
- French Studies MPhil/PhD **FT** **PT**
- German Studies MPhil/PhD **FT** **PT**
- Italian Studies MPhil/PhD **FT** **PT**
- Japanese Studies MPhil/PhD **FT** **PT**
- Latin American Cultural Studies MPhil/PhD **FT** **PT**
- Middle Eastern Studies MPhil/PhD **FT** **PT**
- Modern Languages and Cultures MA **FT**
- Polish Studies MPhil/PhD **FT** **PT**
- Portuguese Studies MPhil/PhD **FT** **PT**
- Russian Studies MPhil/PhD **FT** **PT**
- Spanish Studies MPhil/PhD **FT** **PT**

You may also be interested in: Arts Management and Cultural Policy; Linguistics; Religions and Theology and English Language; Translating, Interpreting and Intercultural Studies.

### French Studies

We are one of the UK's oldest and largest centres for French and francophone studies. Our award-winning, internationally recognised academic staff are leading researchers in their fields and can offer you a wide range of expertise, from the early modern period to the present, covering canonical aspects of French and francophone culture, as well as lesser-known but equally influential individuals, events and works. We have a strong and original focus on French and francophone visual and performance culture, with specialists in theatre, art, illustration, photography, cinema, popular music and dance. We also work closely with Alliance Française de Manchester to offer various extracurricular

activities throughout the year, including workshops, film screenings, talks and cultural events.

### German Studies

Manchester is one of the leading research centres for German studies in the UK. We offer supervision on a wide range of topics in the culture and history of the German-speaking lands from the 18th to the 21st century, notably in literature, film, political, social, intellectual, and cultural history. Our research expertise includes: Holocaust and Jewish studies; Turkish-German culture; culture and dictatorship; contemporary literature; and aspects of translation. We offer regular research seminars, PhD forums, masterclasses and academic conferences, often in collaboration with other disciplines. We have a very active student society, as well as strong links with the Goethe-Institut and the Austrian Cultural Forum, which sponsor a varied programme of events.

### Italian Studies

Our Italian Studies department is one of the oldest, largest and most highly rated departments of its kind. Our internationally recognised research is both wide-ranging and markedly interdisciplinary, with a particular focus on linguistics, translation studies and cultural politics from the medieval to the modern period. Our research culture is further enhanced by the presence of visiting professors and lecturers from Italy, participation in the interdisciplinary seminars held by the Italian Forum, and regular research seminars. We have a strong supervisory record across a host of specialisms, including the history of the book, renaissance culture, Dante, and cinema studies. The University's own John Rylands Library also houses a world-class holding of early Italian printed books from the Spencer, Christie, and Bullock collections.

### Russian and Eastern European Studies

One of the most highly regarded UK departments in its field, Russian and East European Studies at Manchester boasts internationally renowned scholars and award-

winning teachers. We have particular expertise in Russian, Polish and Balkan studies, covering cultures, histories and political developments in these countries and regions from the medieval period to the present day. Our cross-disciplinary research interests include: literature; film, media and popular culture; intellectual history; memory studies; gender and sexuality; and post-communist transition. Our Centre for Russian and Eurasian Studies facilitates collaboration in research and postgraduate supervision. Our academics and postgraduates are also actively engaged in the initiatives of the national Centre for East European Language-Based Area Studies, which is funded by the Arts and Humanities Research Council and the British Academy.

### Spanish, Portuguese and Latin American Studies

We are the UK's leading institution for Spanish, Portuguese and Latin American studies. Outstanding research feeds into innovative teaching, and our experts actively engage with the transregional and transnational exchanges between local communities, nations and regions, notably those established between Europe and the wider Atlantic world. Cross-disciplinary research interests include literature and film, visual and urban cultures, colonial and postcolonial histories, intellectual and cultural theory, cultural studies, and sexuality and gender. You'll form part of an internationally diverse and engaged body of students who participate actively in research activities, supplemented by strong links with Manchester-based organisations such as Instituto Cervantes and HOME, the largest combined arts centre outside London.

### Middle Eastern Studies

For more than 100 years Manchester has been a major British centre for the study of the languages, history, religions, literatures and cultures of the Middle East. Our wide range of internationally recognised research supervisory expertise covers Arab-world studies, Islamic studies, Israel studies, Hebrew literature, classical Jewish studies and modern Iranian studies. We are home to the world-renowned Journal of Semitic Studies and are a constitutive member of two research hubs: the Centre for the Advanced Study of the Arab World

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LANGUAGES  
AND CULTURES

(with the universities of Edinburgh and Durham) and the Centre for Jewish Studies. Our experts in Middle Eastern Studies contribute to the public debate on contemporary cultural-religious issues in the UK and are part of the Middle Eastern discourses on the preservation of national heritages, gender roles and the relations between East and West.

East Asian Studies

We offer innovative programmes in Chinese Studies, Japanese Studies and East Asian Studies, giving you a wide range of internationally recognised supervisory expertise on contemporary culture and society, history, language, media and religion. Providing a deep knowledge and rich experience of two East Asian powerhouses, we offer fresh insight into the importance of studying this region through cutting-edge research and teaching. Specialisms in Chinese Studies include themes such as gender and sexuality, media studies and contemporary art, while specialisms in Japanese Studies include mass culture, subcultural formations and modern medical, educational and cultural history. We have close links with the University's Confucius Institute and the Japan Society North West, both of which offer a broad range of cultural events.

FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

CAREERS

Our dedicated graduate school is an online and physical postgraduate community, designed to stimulate collaboration and networking among taught-course students and researchers. As well as providing bespoke resources, the graduate school delivers training, workshop sessions and programmes,

each designed to foster the continual professional development of our postgraduates.

LAW

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

Law

Our exciting range of programmes allows you to choose a multi-directional or focused approach to your studies, as suited to your interests and career aspirations. Choose from corporate governance, intellectual property law, international business and commercial law, international financial law, public international law, security and international law and transnational dispute resolution.

Criminology

Innovative, interdisciplinary programmes focus on current trends and historical debates surrounding key issues of crime causation, crime control and regulation. We use recent high-profile cases to explore current issues in criminology and criminal justice, drawing on specialist research expertise in fraud, policing, violence, drug use and criminal justice.

Health care

The continuing advancement of modern health care and medicine gives rise to an increasing number of controversial ethical issues. We seek to address these issues with our research and via our postgraduate programmes.

WHY MANCHESTER?

- Ranked 28th in the world and 6th in the UK for Law in the THE *Times Higher Education* World University Rankings by subject 2018
- More than 140 years' experience providing high-quality, internationally focused legal education, and one of the UK's broadest ranges of specialisms for law, health care and ethics, and criminology
- Learn from world-class academics with diverse backgrounds, including legal scholars, bioethicists, social scientists, sociologists, psychologists, criminologists and philosophers

TAUGHT COURSES

- Corporate Governance LLM **FT**
- Criminology MA/MRes/PGDip **FT** **PT**
- Criminology (Social Statistics) MRes **FT** **PT**
- Healthcare Ethics PGCert **FT** **PT** **DL**
- Healthcare Ethics and Law LLM/MA/PGDip **FT** **PT** **DL**
- Healthcare Ethics and Law (Intercalated) MSc **FT**
- Healthcare Law PGCert **FT** **PT** **DL**
- Intellectual Property Law LLM **FT**
- International Business and Commercial Law LLM **FT**
- International Financial Law LLM **FT**
- International Trade Transactions LLM **FT**
- Law LLM **FT**
- Public International Law LLM **FT** **PT**
- Security and International Law LLM/MA **FT** **PT**
- Transnational Dispute Resolution LLM **FT** **PT**

RESEARCH PROGRAMMES

- Bioethics and Medical Jurisprudence PhD **FT** **PT**
- Criminology MPhil/PhD **FT** **PT**
- Law MPhil/PhD **FT** **PT**

You may also be interested in: Alliance Manchester Business School; Politics.

FUNDING

We offer a range of bursary and scholarship opportunities for master's students. For details, visit:

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



# LINGUISTICS AND ENGLISH LANGUAGE

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

We offer you a strong foundation for specialist research in theoretical and empirical linguistics. Our teaching and research includes major specialisms such as sociolinguistics, phonetics and phonology, syntax, semantics and pragmatics, historical linguistics, morphology, typology, cognitive linguistics, corpus linguistics, forensic linguistics, language acquisition and the documentation of endangered languages.

Our internationally recognised expertise encompasses a breadth of languages, including English and other Germanic languages, Romance languages, Russian, Polish, Arabic, Hebrew, Turkish, Kurdish and other Iranian languages, Amerindian languages, languages of South Asia, indigenous languages of Australia and historical languages such as Old English, Old Saxon and Old Norse.

Supported by cutting-edge facilities, our diverse and world-leading research community explores the effects of our society and our psychological and cognitive make-up on language, covering a wealth of themes including identity, power and language acquisition.

As the most linguistically diverse city in western Europe – home to more than 200 spoken languages – Manchester offers a vibrant multicultural language experience and an ideal location in which to explore variation, cross-cultural references and social impacts.

## WHY MANCHESTER?

- Modern Languages and Linguistics at Manchester ranked third in the UK for research power in the most recent Research Excellence Framework (REF 2014)
- Access to innovative resources, including: psycholinguistics and phonetics laboratories with facilities for signal analysis, speech synthesis, ultrasound, laryngography and electropalatography; specialist software; and the extensive linguistic collections of our National Research Library
- Benefit from strong links with cultural bodies such as the Alliance Française, the Goethe Institut, the Confucius Institute and the Instituto Cervantes

### TAUGHT COURSES

Intercultural Communication MA **FT** **PT**

Linguistics MA **FT** **PT**

### RESEARCH PROGRAMMES

English Language PhD **FT** **PT**

Linguistics PhD **FT** **PT**

*You might also be interested in: Creative Writing and Contemporary Literature; Languages and Cultures.*

## FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

## CAREERS

You'll gain a broad range of sought-after skills, including intercultural awareness, data capture and analysis, interpretation and critical thinking, as well as advanced written and oral communications skills. Our graduates enjoy careers in fields such as language teaching, language policy, speech and language therapy, publishing and communications. For those wishing to pursue an academic career, our dedicated graduate school offers you extensive training in research methods.

# MATERIALS

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

Academically challenging and forward-thinking, our postgraduate degree content is driven by industry. We invite many to work alongside us in our strategic development, in order to retain our international standing as a centre of excellence and innovation in materials – and design courses with graduate employability in mind.

## FUNDING

In order to cultivate academic talent, reward high achievement and hard work, we offer a range of generous research studentships and scholarships to international, UK and EU students each year.

## CAREERS

You'll gain theoretical knowledge and understanding of current issues, backed by critical and reflective thinking, research techniques and organisational skills, providing you with exciting opportunities in a wide variety of science, engineering and management sectors.

## WHY MANCHESTER?

- National research centres in composites, energy materials, performance of materials and imaging of materials, give us unique capability to process and analyse materials of all types
- 100% of our research environment rated "internationally excellent" or "world-leading" (REF 2014)
- State-of-the-art research facilities include an electron microscopy suite, advanced mechanical testing equipment, nanofabrication equipment and cell culture laboratories
- Exceptional breadth of research and training in materials engineering, science and technology, cutting-edge textile design and fashion business

### TAUGHT COURSES

Advanced Engineering Materials MSc **FT**

Biomaterials MSc **FT**

Corrosion Control Engineering MSc **FT**

International Fashion Marketing MSc **FT**

International Fashion Retailing MSc **FT**

Nanomaterials MSc **FT**

Polymer Materials Science and Engineering MSc **FT**

Textile Technology (Technical Textiles) MSc **FT**

### RESEARCH PROGRAMMES

Advanced Metallic Systems CDT PhD **FT** **PT**

Biomaterials MPhil/MSc by Research/PhD **FT** **PT**

Coatings and Ceramics MPhil/MSc by Research/PhD **FT** **PT**

Fusion Energy CDT PhD **FT** **PT**

Imaging and Characterisation MPhil/MSc by Research/PhD **FT** **PT**

Management and Marketing MPhil/MSc by Research/PhD **FT** **PT**

Materials MPhil/MSc by Research/PhD **FT** **PT**

Materials for Demanding Environments CDT PhD **FT** **PT**

Metallurgy and Corrosion MPhil/MSc by Research/PhD **FT** **PT**

Nano and Functional Materials MPhil/MSc by Research/PhD **FT** **PT**

Polymers and Composites MPhil/MSc by Research/PhD **FT** **PT**

Textiles and Apparel MPhil/MSc by Research/PhD **FT** **PT**

Textiles and Fashion MEnt **FT** **PT**

*You might also be interested in: Alliance Manchester Business School; Chemistry.*

**Taught contact:** ☎ +44 (0)161 306 1259

**Research contact:** ☎ +44 (0)161 275 3559

✉ [masalc@manchester.ac.uk](mailto:masalc@manchester.ac.uk)

✉ [phdsalc@manchester.ac.uk](mailto:phdsalc@manchester.ac.uk)

**Taught contact:** ☎ +44 (0)161 306 3559

**Research contact:** ☎ +44 (0)161 306 3559

✉ [pg-materials@manchester.ac.uk](mailto:pg-materials@manchester.ac.uk)

✉ [pg-materials@manchester.ac.uk](mailto:pg-materials@manchester.ac.uk)



# MATHEMATICS

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

We are a major international research centre that covers the entire breadth of the subject, including pure and applied mathematics, probability, statistics and actuarial science. Some examples of problems currently being explored by our mathematicians include noise reduction in domestic appliances, the flow of avalanches, medical imaging, and landmine detection.

We carry out research across a broad range of modern and traditional mathematics and have a high level of engagement in interdisciplinary research and with industry. Our work is organised into 11 research groups covering everything from logic to stochastic analysis, and has a global impact across banking and finance, manufacturing, energy, security and beyond.

## FUNDING

Each year we disburse more than £1 million towards the funding of our postgraduate students, including substantial funding from EPSRC and the European Commission. We have a strong record of interdisciplinary and industrial research, and offer a variety of industrial bursaries for MSc and PhD students. We also have a range of generous scholarships available for MSc students.

## WHY MANCHESTER?

- Ranked sixth in the UK in the last Research Excellence Framework for research power – 90% of our research activity was rated "internationally excellent" or "world-leading" (REF 2014)
- Commended in REF 2014 for our provision of PhD training and support
- Through the Manchester Institute for Mathematical Sciences, we host an extensive programme of research seminars with a wide range of speakers, providing ample opportunity for furthering knowledge and discussing current research from all areas of mathematics

### TAUGHT COURSES

- Actuarial Science MSc **FT** **PT**
- Applied Mathematics MSc **FT** **PT**
- Data Science MSc **FT**
- Mathematical Finance MSc **FT**
- Pure Mathematics and Mathematical Logic MSc **FT** **PT**
- Statistics MSc **FT** **PT**

### RESEARCH PROGRAMMES

- Applied Mathematics PhD **FT** **PT**
- Financial Mathematics PhD **FT** **PT**
- Mathematical Logic PhD **FT** **PT**
- Mathematical Sciences MPhil **FT** **PT**
- Mathematics in Actuarial Science PhD **FT** **PT**
- Numerical Analysis PhD **FT** **PT**
- Probability PhD **FT** **PT**
- Pure Mathematics PhD **FT** **PT**
- Statistics PhD **FT** **PT**

*You might also be interested in: Alliance Manchester Business School; Computer Science; Physics and Astronomy.*

## CAREERS

Our MSc students are highly employable and go on to a wide range of jobs after they graduate, including statisticians and actuaries in finance, banking and insurance. The industrial focus of the MSc in Applied Mathematics can significantly increase your employability.

Many of our PhD students stay on in academia or research in industry. Recent graduates have gone on to work for large financial institutions, engineering firms, the security industry and pharmaceutical companies.

# MECHANICAL ENGINEERING

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

Mechanical engineering is a diverse subject, characterised by the conception of an idea to solve a problem through to implementing the solution. Mechanical engineers work in small-scale areas such as nano-manufacturing, and with large-scale systems such as aircraft engines.

We offer you a vibrant environment with high-calibre facilities and strong links with industry, and provide a modern, world-class education.

When you join us, we will support you with an intensive induction process, including research seminars and career development programmes, to enable you to settle in and feel part of our School. We want you to feel at home, so we give you a dedicated space to engage with your studies in a friendly environment. Our PhD students also have a dedicated space in our research village.

## WHY MANCHESTER?

- Graduates are highly sought after by industry, thanks to our strong foundation in technical skills, and promotion of the development of conceptual creativity
- Gain a complementary blend of skills that employers look for, via programmes that integrate advanced engineering techniques with hands-on learning
- Strong teaching and research links with more than 300 companies, including industrial links with National Instruments, Rolls-Royce, EDF, BP, MBDA and ESTEC/ESA
- 100% of our impact case studies were graded as "internationally excellent" or "world-leading" (3\* or 4\*) in the last Research Excellence Framework (REF 2014)

### TAUGHT COURSES

- Advanced Manufacturing Technology and Systems Management MSc **FT**
- Mechanical Engineering Design MSc **FT**
- Reliability Engineering and Asset Management MSc **FT** **PT**
- Thermal Power and Fluid Engineering MSc **FT**

### RESEARCH PROGRAMMES

- Mechanical Engineering MPhil/PhD **FT** **PT**
- Nuclear Engineering MPhil/PhD **FT** **PT**
- Reliability Engineering and Asset Management DProf **PT**

*You may also be interested in: Aerospace Engineering; Civil Engineering; Electrical and Electronic Engineering; Environmental Engineering.*

## FUNDING

For information about funding opportunities, including our President's Doctoral Scholar Award and other external funding schemes, visit:

[www.manchester.ac.uk/mace/study/postgraduate-research/funding](http://www.manchester.ac.uk/mace/study/postgraduate-research/funding)

## CAREERS

Our graduates work in a diverse range of industries, helping to solve some of the biggest challenges faced by society, including in areas such as sustainability, advanced manufacturing and innovative health care technologies.

**Taught contact:** ☎ +44 (0)161 275 0174  
**Research contact:** ☎ +44 (0)161 275 0178

✉ [pgt-maths@manchester.ac.uk](mailto:pgt-maths@manchester.ac.uk)  
 ✉ [pgr-maths@manchester.ac.uk](mailto:pgr-maths@manchester.ac.uk)

**Taught contact:** ☎ +44 (0)161 306 9219  
**Research contact:** ☎ +44 (0)161 275 4345

✉ [pg-mace@manchester.ac.uk](mailto:pg-mace@manchester.ac.uk)  
 ✉ [pgr-mace@manchester.ac.uk](mailto:pgr-mace@manchester.ac.uk)



# MEDICAL IMAGING

Discover more  
[www.manchester.ac.uk/bmh/study/masters](http://www.manchester.ac.uk/bmh/study/masters)  
[www.manchester.ac.uk/bmh/study/research](http://www.manchester.ac.uk/bmh/study/research)

Our MSc in Medical Imaging covers a multidisciplinary topic of central importance in diagnosis, treatment monitoring and patient management. You'll cover the basic science and technology behind the principal imaging methods currently used in medicine and medical research, as well as advanced imaging methods, clinical and research applications, imaging biomarkers and computational methods.

This course comprises both a taught component and a research project, giving you the skills and knowledge required for a career in an image-related field in clinical practice, clinical or scientific research, or technical development.

Our PhD/MPhil Biomedical Imaging Sciences programme enables you to undertake a research project in the field of biomedical imaging, including neuroimaging, cancer imaging (including mammography) and musculoskeletal imaging.

Excellent links with local hospitals enable the set-up of research projects embedded in clinical environments.

## WHY MANCHESTER?

- Discover the key clinical applications of medical imaging and how it contributes to diagnosis and treatment
- Benefit from excellent research-dedicated imaging facilities at several hospital sites and a dedicated molecular imaging centre (WMIC) co-located with The Christie NHS Foundations Trust
- Learn in a multidisciplinary environment alongside physicists, engineers, clinicians and other professionals from a range of fields
- Teaching incorporates a range of methods including lectures supplemented by group discussions and practical imaging exercises in acquiring images and analysing results

### TAUGHT COURSES

Medical Imaging MSc/PGDip **FT** **PT**

### RESEARCH PROGRAMMES

Biomedical Imaging Sciences MPhil/PhD **FT** **PT**

*You might also be interested in: Medical Sciences, Biological Sciences*

## FUNDING

We offer a range of funding opportunities for PhD studentships from the various Doctoral Training Partnerships. These include the Biotechnology and Biological Sciences Research Council, Medical Research Council, Engineering and Physical Sciences Research Council, Wellcome Trust, British Heart Foundation and the PhD programme with A\*STAR Singapore. We also offer a number of scholarships and awards for outstanding international students, as well as a unique International PhD programme with integrated teaching certificate.

[www.manchester.ac.uk/bmh/study/research/funded-programmes](http://www.manchester.ac.uk/bmh/study/research/funded-programmes)

[www.manchester.ac.uk/bmh/study/research/financial-support](http://www.manchester.ac.uk/bmh/study/research/financial-support)

## CAREERS

Our MSc equips graduates to pursue either clinically or technically focused careers in imaging in an academic or commercial environment. It forms a sound basis for students who wish to proceed to a PhD in any aspect of medical imaging, or to apply to trainee recruitment programmes in medical physics. Inter-calating medical students may use this qualification as a platform for radiology training.

# MEDICAL SCIENCES

Discover more  
[www.manchester.ac.uk/bmh/study/masters](http://www.manchester.ac.uk/bmh/study/masters)  
[www.manchester.ac.uk/bmh/study/research](http://www.manchester.ac.uk/bmh/study/research)

Our postgraduate taught courses provide you with training that supports your career development, allowing you to progress within your chosen specialism. We offer certificate and diploma options to allow health professionals to gain an intensive grounding in health care subjects. Our Master of Research (MRes) courses are designed to give you a real taste of research and what is required of a professional researcher.

The research training we provide reflects our dedication to improving understanding of disease processes, diagnosis and enhanced patient care. From investigating the origins of diseases at molecular level through to identifying pharmacological and health service interventions, our postgraduate researchers play a pivotal role. We encourage you to pursue authorship in eminent publications, attend conferences and actively engage with the wider research community to improve your skills and career prospects.

## WHY MANCHESTER?

- Gain cutting-edge professional training to aid your career development via our master's and diploma courses
- Learn to share good practice across disciplines, giving you the opportunity to meet others, organise specific training, or work in alternative environments
- 85% of our research is rated "internationally excellent" or "world-leading" (3\* or 4\*) in the last Research Excellence Framework (REF 2014)
- Research students will benefit from training opportunities and support through our Doctoral Academy

### TAUGHT COURSES

Cancer Biology and Radiotherapy Physics MSc/PGDip/PGCert **FT**

Cardiovascular Health and Disease MRes **FT**

Clinical Biochemistry MSc **FT**

Clinical Immunology MSc/PGDip **FT**

Experimental Medicine (Cancer) MRes/PGCert **FT** **PT**

Experimental Medicine (Dermatology) MRes/PGCert **FT** **PT**

Experimental Medicine (Hearing Health) MRes/PGCert **FT** **PT**

Experimental Medicine (Musculoskeletal) MRes/PGCert **FT** **PT**

Experimental Medicine (Respiratory) MRes/PGCert **FT** **PT**

History of Science, Technology and Medicine MSc **FT** **PT**

Medical Education MSc/PGDip/PGCert **PT**

Medical Humanities MSc **FT** **PT**

Medical Microbiology MSc/PGDip/PGCert **FT** **PT**

Medical Sciences MRes **FT**

Medical Virology MSc/PGDip **FT** **PT**

Molecular Pathology MSc **PT**

Occupational Hygiene (blended learning) MSc/PGDip/PGCert\* **PT** **DL**

Occupational Medicine (blended learning) MSc/AdvDip/PGCert/CPD\* **PT** **DL**

Oncology MRes **FT**

Paediatric Anaesthesia MSc/PGDip/PGCert **PT**

Physician Associate Studies PGDip **FT**

Reproduction and Pregnancy MRes **FT**

Science Communication MSc **FT** **PT**

Teaching and Learning in Biology, Medicine and Health Sciences PGCert **FT** **PT**

**Taught contact:** ☎ +44 (0)161 275 1798

**Research contact:** ☎ +44 (0)161 275 5608

✉ [pgtaught.cbm@manchester.ac.uk](mailto:pgtaught.cbm@manchester.ac.uk)

✉ [admissions.doctoralacademy@manchester.ac.uk](mailto:admissions.doctoralacademy@manchester.ac.uk)

**Taught contact:** ☎ +44 (0)161 275 5220

**Research contact:** ☎ +44 (0)161 275 5608

✉ [pgtaught.medicine@manchester.ac.uk](mailto:pgtaught.medicine@manchester.ac.uk)

✉ [admissions.doctoralacademy@manchester.ac.uk](mailto:admissions.doctoralacademy@manchester.ac.uk)

RESEARCH PROGRAMMES

- Cancer Sciences MPhil/PhD **FT** **PT**
- Cardiovascular Sciences MPhil/PhD **FT** **PT**
- Developmental Biology MPhil/PhD **FT** **PT**
- Endocrinology and Diabetes MPhil/PhD **FT** **PT**
- Epidemiology MPhil/PhD **FT** **PT**
- Gastroenterology MPhil/PhD **FT** **PT**
- History of Science, Technology and Medicine MPhil/PhD **FT** **PT**
- Medical Genetics MPhil/PhD **FT** **PT**
- Medical Microbiology MPhil/PhD **FT** **PT**
- Medical Mycology MPhil/PhD **FT** **PT**
- Medical Virology MPhil/PhD **FT** **PT**
- Medicine MPhil/MD/PhD **FT** **PT**
- Nutrition MPhil/PhD **FT** **PT**
- Pharmacology MPhil/PhD **FT** **PT**
- Reproductive Sciences MPhil/PhD **FT** **PT**
- Stem Cell Research MPhil/PhD **FT** **PT**
- Wellcome Trust (Molecular and Cell Biology) PhD **FT**
- Wellcome Trust (Quantitative and Biophysical Biology) PhD **FT**

You may also be interested in: Audiology; Biological Sciences; Nursing and Midwifery; Pharmacy.

FUNDING

We offer a number of tuition fee bursaries for our master's courses. To find out more, visit:

[www.manchester.ac.uk/bmh/study/masters/fees-funding](http://www.manchester.ac.uk/bmh/study/masters/fees-funding)

We offer a range of funding opportunities for PhD studentships from the various Doctoral Training Partnerships. These include the Biotechnology and Biological Sciences Research Council, Medical Research Council, Engineering and Physical Sciences Research Council, Wellcome Trust, British Heart Foundation and the PhD programme with A\*STAR Singapore. We also offer a number of scholarships and awards for outstanding international students, as well as a unique International PhD programme with integrated teaching certificate.

[www.manchester.ac.uk/bmh/study/research/funded-programmes](http://www.manchester.ac.uk/bmh/study/research/funded-programmes)

[www.manchester.ac.uk/bmh/study/research/financial-support](http://www.manchester.ac.uk/bmh/study/research/financial-support)

CAREERS

Our postgraduates progress to a wide variety of careers, such as academic research, industrial research and development, consultancy, clinical practice, policy-making and medical writing.

For taught courses marked with a \* please contact

- +44 (0)161 275 1798
- pgtaught.cbm@manchester.ac.uk

MENTAL  
HEALTH

Discover more  
[www.manchester.ac.uk/bmh/study/masters](http://www.manchester.ac.uk/bmh/study/masters)  
[www.manchester.ac.uk/bmh/study/research](http://www.manchester.ac.uk/bmh/study/research)

Most of our mental health postgraduate programmes are aimed at health and social work professionals already working in the field. You'll benefit from our clinical, research and teaching expertise, whether you undertake a taught postgraduate course, a short professional course or research training.

We place particular importance on translating research into practice through accredited and professional training.

For taught courses marked with a \* please contact

- +44 (0)161 306 7604
- pgt.mentalhealth@manchester.ac.uk

WHY MANCHESTER?

- Gain skills training designed to prepare you for a range of positions
- Enjoy opportunities for networking and sharing good practice across disciplines
- 83% of our research is rated "internationally excellent" or "world-leading" (3\* or 4\*) in the most recent Research Excellence Framework (REF 2014)
- Postgraduate research students benefit from training opportunities and support through our Doctoral Academy

TAUGHT COURSES

- Advanced Practice Interventions in Mental Health (APIMH) MSc/PGDip **PT**
- Approved Mental Health Professional Practice (AMHP training) PGCert\* **PT**

RESEARCH PROGRAMMES

- Medicine MPhil/MD/PhD **FT** **PT**
- Mental Health MPhil/PhD **FT** **PT**
- Psychiatry MPhil/PhD **FT** **PT**

You may also be interested in: Biological Sciences; Nursing and Midwifery; Psychology and Mental Health.

FUNDING

We offer a range of funding opportunities for PhD studentships from the various Doctoral Training Partnerships, including the Medical Research Council and National Institute for Health Research, and various charities. We also offer a number of scholarships and awards for outstanding international students, as well as a unique International PhD programme with integrated teaching certificate.

[www.manchester.ac.uk/bmh/study/research/funded-programmes](http://www.manchester.ac.uk/bmh/study/research/funded-programmes)

CAREERS

Many of our master's students are already employed in the mental health sector and undertake study to further their careers. The courses we offer will place you in the best position to enhance your career prospects. Most of our PhD graduates progress into postdoctoral or academic posts in UK universities, or are employed in senior clinical positions within NHS trusts.



# MUSEOLOGY

Discover more  
[www.manchester.ac.uk/museology](http://www.manchester.ac.uk/museology)  
[www.manchester.ac.uk/icp](http://www.manchester.ac.uk/icp)

Study with us and you'll examine current and emerging museum practices with leading professionals and academics in your field. We promote collaboration with the museum profession across the region, the UK and overseas, and continually review our course content in response to new research, cutting-edge critical approaches and practice.

As part of the University's Institute for Cultural Practices, we work closely with the Centre for Arts Management and Cultural Policy to provide programmes that combine comprehensive cultural theory with practical understanding of overarching trends in the arts, cultural and heritage sector.

Our taught courses cover many practical subject areas, including: collection management; exhibition management; art curating; ethnography curating; museum learning; digital heritage; and sector-specific business strategies. You'll examine diverse issues related to museum theory and practice, and benefit from research specialisms such as: digital curating in museums; galleries and heritage environments; collecting and knowledge production; and migrant engagement with ethnographic collections.

## TAUGHT COURSES

Art Gallery and Museum Studies MA **FT** **PT**

## RESEARCH PROGRAMMES

Museology PhD **FT** **PT**

Museum Practice Professional Doctorate **FT** **PT**

*You might also be interested in: Art History and Visual Studies; Arts Management and Cultural Policy; Heritage Studies.*

Manchester is currently one of the UK's most important cultural hotspots, thanks to ongoing investment in creative infrastructure. You'll have the opportunity to visit and network with multiple museums, galleries and cultural organisations throughout your studies. You'll also work closely with the University's own multiple-award-winning gallery and museum, including opportunities for work-based training in various aspects of cultural practice, from conservation and collections management to audience development and fundraising.

## FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

## CAREERS

You'll enjoy valuable sector networking opportunities, placements and live project briefs as part of your studies. Our alumni have gone on to pursue successful careers in the arts and cultural sectors at home and overseas. Destinations include: Development Officer at the Victoria and Albert Museum, Assistant Curator of Fine Art at National Museums Liverpool, and Project Manager at China Shanghai International Arts Festival.

## WHY MANCHESTER?

Study practice-based courses with a vocational emphasis; our alumni have reached senior positions in museums and galleries throughout the UK and overseas

Placement and research opportunities with a host of institutions such as HOME, TATE Liverpool, Imperial War Museum North and the Museum of Science and Industry

Design and participate in live projects with cultural organisations across the city – from collection curation to cultural event production

# MUSIC

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

Consistently ranked as one of the top music departments in the UK, Music at Manchester provides an excellent environment for postgraduate study.

Our flexible courses offer you the opportunity to combine your specific research interests with a solid methodological foundation. As a musicologist or ethnomusicologist, you'll engage with the latest theoretical debates and explore interdisciplinary perspectives alongside original research. As a composer or sound artist, you'll benefit from the liveliest performance culture of any UK music department. Witness your work brought to life by professional ensembles such as our resident Quatuor Danel or the BBC Philharmonic, or through events such as the Manchester Theatre in Sound Festival (MANTIS) and the Locativeaudio Festival.

Diverse specialist MA course units include: Contemporary Music Studies; Historical and Editorial Skills; Ethno/Musicology in Action; Fieldwork and Ethnography; Fixed Media and Interactive Music; and Aesthetics and Analysis of Organised Sound.

Our research community features regular musicology and composers' forums, performance seminars and composition workshops and masterclasses.

## TAUGHT COURSES

Composition (Electroacoustic Music and Interactive Media) MusM **FT** **PT**

Composition (Instrumental and Vocal) MusM **FT** **PT**

Music (Ethnomusicology) MusM **FT** **PT**

Music (Musicology) MusM **FT** **PT**

## RESEARCH PROGRAMMES

Music (Composition) PhD **FT** **PT**

Music (Electroacoustic Composition) PhD **FT** **PT**

Music (Musicology) PhD **FT** **PT**

*You might also be interested in: Drama.*

Manchester is home to more professional music-making than any UK city outside of London, including three professional orchestras – the Hallé, the BBC Philharmonic and Manchester Camerata – alongside other internationally recognised institutions such as the BBC and Bridgewater Hall.

## FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

## CAREERS

Our graduates have pursued successful careers in musical and non-musical fields. Some progress to further study; others go on to teach in schools or further education, both in the UK and overseas. Our alumni have also applied their advanced musical training in fields such as arts management, the creative and cultural industries, music publishing, music journalism, librarianship, music therapy and performance.

## WHY MANCHESTER?

Work with world-class academics from a wide range of sub-disciplines, including historical and contemporary music cultures, ethnomusicology, instrumental/vocal composition, and electroacoustic composition

Dedicated music facilities, including our professional concert hall and cutting-edge electroacoustic composition, performance and sound art studios

The last Research Excellence Framework (REF 2014) rated 85% of our research outputs as "world-leading" (4\*) or "internationally excellent" (3\*)

**Taught contact:** ☎ +44 (0)161 306 1259

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# NURSING AND MIDWIFERY

NURSING  
AND MIDWIFERY

Discover more  
[www.manchester.ac.uk/bmh/study/masters](http://www.manchester.ac.uk/bmh/study/masters)  
[www.manchester.ac.uk/bmh/study/research](http://www.manchester.ac.uk/bmh/study/research)

Strong links with the NHS enable us to offer you wide-ranging study and research opportunities that keep pace with ongoing changes in health and social care policy and practice, giving you the skills and knowledge for roles across today's health care landscape.

You'll also benefit from our research strengths. With one of Europe's largest nursing and midwifery research portfolios, we attract considerable funding and publish widely in renowned international journals.

Our research has substantial impact on health and social care. For instance, we have identified shortcomings of personal budgets as direct payments for older people, and revealed significant barriers to returning to work among cancer survivors because of the attitudes of employers and health care professionals.

We encourage our research students to focus on high-quality applied research that supports the improvement of patient care and shapes UK health and social care policy and service provision.

As well as postgraduate diplomas and degrees, you could take individual units from our courses as stand-alone continuing professional development courses.

## WHY MANCHESTER?

One of Europe's leading nursing education and research centres, providing a broad range of post-qualifying courses and MPhil/PhD programmes

Close relationships with NHS trusts across the north-west, providing excellent and varied facilities for clinical practice

Close links with local employers as part of Greater Manchester Social Work Academy – a government-sponsored Teaching Partnership

88% of our research is rated "internationally excellent" or "world-leading" (3\* or 4\*) (REF 2014)

Postgraduate research students benefit from training opportunities and support through our Doctoral Academy

### TAUGHT COURSES

Advanced Leadership for Professional Practice MSc **FT** **PT**

Advanced Leadership for Professional Practice (Midwifery) MSc **FT** **PT**

Advanced Leadership for Professional Practice (Nursing) MSc (for adult, child and mental health nurses) **FT** **PT**

Advanced Leadership for Professional Practice (Social Work) MSc **FT** **PT**

Advanced Leadership for Professional Practice (Speech and Language Therapy) MSc **FT** **PT**

Advanced Practice Interventions in Mental Health (APIMH) MSc **PT**

- Dementia Care pathway MSc/PGDip/PGCert
- Primary Mental Health Care pathway MSc/PGDip/PGCert
- Psychosocial Interventions for Psychosis (COPE) pathway MSc/PGDip/PGCert

Clinical Research MSc **FT** **PT**

Health and Social Care MRes HSC **FT** **PT**

Independent Prescribing Short Course\*

Social Work MA **FT**

### RESEARCH PROGRAMMES

Midwifery MPhil/PhD **FT** **PT** **DL**

Midwifery (four-year programme) PhD **FT** **PT**

Nursing MPhil/PhD **FT** **PT**

Nursing (four-year programme) PhD **FT** **PT**

*You may also be interested in: Biological Sciences; Medical Sciences; Psychology and Mental Health; Public Health.*

### FUNDING

We offer a range of funding opportunities for PhD studentships from the various Doctoral Training Partnerships, including the Medical Research Council, National Institute for Health Research and ESRC North West Social Sciences DTP. We also offer a number of scholarships and awards for outstanding international students, as well as a unique International PhD programme with integrated teaching certificate.

[www.manchester.ac.uk/bmh/study/research/funded-programmes](http://www.manchester.ac.uk/bmh/study/research/funded-programmes)

[www.manchester.ac.uk/bmh/study/research/financial-support](http://www.manchester.ac.uk/bmh/study/research/financial-support)

National Institute for Health Research (NIHR) Pre-doctoral Clinical Academic Fellowships offer successful candidates time and funding to undertake MSc Res or other master's study, and to prepare a Clinical Doctoral Research Fellowship application.

[www.nihr.ac.uk/funding-and-support](http://www.nihr.ac.uk/funding-and-support)


The Advanced Practice Interventions for Mental Health (APIMH) pathways are funded through a contract between the University and HE North West.

All programmes are available for self-funded students.

### CAREERS

Our postgraduate courses provide excellent opportunity for you to further your career in academia or within your professional practice. For example, our MSc Res is relevant to a range of health sciences and is ideal if you are keen to strengthen research as a component within clinical practice or embark on a research / academic career. Alternatively, an MSc provides you with the chance to expand your career prospects by developing specialist knowledge in your chosen area. Flexible learning options and a diverse range of units are available on many of our courses.

For taught courses marked with a \*  
please contact


 +44 (0)161 275 1798

 [pgtaught.pharmacy@manchester.ac.uk](mailto:pgtaught.pharmacy@manchester.ac.uk)

**Taught contact:**  +44 (0)161 306 0270

**Research contact:**  +44 (0)161 275 5608

 [pgtaught.nursing@manchester.ac.uk](mailto:pgtaught.nursing@manchester.ac.uk)

 [admissions.doctoralacademy@manchester.ac.uk](mailto:admissions.doctoralacademy@manchester.ac.uk)



# OCCUPATIONAL HYGIENE AND OCCUPATIONAL MEDICINE

Discover more  
[www.manchester.ac.uk/bmh/study/masters](http://www.manchester.ac.uk/bmh/study/masters)  
[www.manchester.ac.uk/bmh/study/research](http://www.manchester.ac.uk/bmh/study/research)

Ideal for those interested in flexible learning, all our courses are available as part-time, blended learning programmes, with learning options including core residential courses and face-to-face seminars, as well as online learning units, web conference tutorials, online discussion forums and other interactive tools that support learning from a distance.

Our MSc in Occupational Hygiene will equip you with a wide range of interdisciplinary knowledge and skills to work in areas related to occupational hygiene, culminating in an academic qualification accredited by the Faculty of Occupational Hygiene within the British Occupational Hygiene Society.

Our Occupational Medicine course gives you an overview of the whole spectrum of medicine and hygiene within the workplace. The PGCert and PGDip are aimed at GPs who want an academic qualification in occupational medicine and to take the DipOccMed professional exam of the Faculty of Occupational Medicine (MFOM). Doctors already working in the field – especially in specialist training posts – who want to prepare for professional specialist exams with the MFOM, complete three years of teaching and learning, culminating in the MSc in Occupational Medicine.

## WHY MANCHESTER?

- Part-time blended learning allows for flexible study with the benefits of face-to-face teaching
- Home to the only course in the UK dealing specifically with occupational hygiene
- The largest postgraduate course in occupational health in the UK
- We have the highest number of qualified occupational hygienists and occupational physicians contributing to teaching on these courses

### TAUGHT COURSES

Occupational Hygiene MSc/PGDip/  
PGCert **PT** **DL**  
Occupational Medicine MSc/AdvDip/  
PGCert/CPD **PT** **DL**

### RESEARCH PROGRAMMES

Occupational and Environmental Health  
PhD/MPhil **FT** **PT**

## FUNDING

We offer a range of funding opportunities for PhD studentships from the various Doctoral Training Partnerships. These include the Biotechnology and Biological Sciences Research Council, Medical Research Council, Engineering and Physical Sciences Research Council, Wellcome Trust, British Heart Foundation and the PhD programme with A\*STAR Singapore. We also offer scholarships and awards for outstanding international students, as well as a unique International PhD programme with integrated teaching certificate.

[www.manchester.ac.uk/bmh/study/research/funded-programmes](http://www.manchester.ac.uk/bmh/study/research/funded-programmes)

[www.manchester.ac.uk/bmh/study/research/financial-support](http://www.manchester.ac.uk/bmh/study/research/financial-support)

## CAREERS

Our students either currently work in these fields or wish to enter them. The MSc in Occupational Hygiene offers you a good grounding in the subject and can also supplement the education received by other routes, such as British Occupational Hygiene Society modules.

# OPTOMETRY

Discover more  
[www.manchester.ac.uk/bmh/study/masters](http://www.manchester.ac.uk/bmh/study/masters)  
[www.manchester.ac.uk/bmh/study/research](http://www.manchester.ac.uk/bmh/study/research)

Our MSc/MRes Investigative Ophthalmology and Vision Sciences course brings together the research expertise in vision from The University of Manchester and the clinical expertise of Manchester Royal Eye Hospital.

The course is aimed at optometrists, ophthalmologists, orthoptists and nurses from the UK and overseas. It is suitable if you are: considering undertaking a research degree in the vision sciences; interested in professional development; interested in conducting research as part of your clinical training; an ophthalmologist wishing to expand and extend your training in a specialist area; an optometrist considering a career in the hospital eye service.

It is suitable if you are:

- considering undertaking a research degree in the vision sciences;
- interested in professional development;
- interested in conducting research as part of your clinical training;
- an ophthalmologist wishing to expand and extend your training in a specialist area; or;
- an optometrist considering a career in the hospital eye service.

## WHY MANCHESTER?

- Benefit from close links with Manchester Royal Eye Hospital, one of the largest teaching hospitals in Europe, which is globally acknowledged as a centre of excellence
- You will be trained by staff who are experts in this field
- We have excellent facilities for learning

### TAUGHT COURSES

Investigative Ophthalmology and Vision  
Science MSc/MRes **FT** **PT**

### CPD UNITS (all 15 credits)

Glaucoma (accredited for the Professional  
Certificate in Glaucoma from the  
College of Optometrists)  
Macular Degeneration  
Retinal Vascular Disease

### RESEARCH PROGRAMMES

Ophthalmology MPhil/PhD **FT** **PT**  
Optometry MPhil/PhD **FT** **PT**

## CAREERS

This MSc is aimed at optometrists, ophthalmologists, orthoptists, biological scientists, nurses and those from related backgrounds, and can open up a number of career opportunities.

The course is suitable if you want to further your knowledge of the vision sciences or if you are an optometrist considering professional development or a career in the hospital eye service.

It is also ideal if you want to conduct research as part of your clinical training or pursue an academic career in ophthalmology, optometry and the vision sciences.

Our research programme graduates progress to secure positions in clinical and academic institutions worldwide.

**Taught contact:** ☎ +44 (0)161 275 1798  
**Research contact:** ☎ +44 (0)161 275 5608

✉ [pgtaught.cbm@manchester.ac.uk](mailto:pgtaught.cbm@manchester.ac.uk)  
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**Taught contact:** ☎ +44 (0)161 275 1798  
**Research contact:** ☎ +44 (0)161 275 5608

✉ [pgtaught.optometry@manchester.ac.uk](mailto:pgtaught.optometry@manchester.ac.uk)  
✉ [admissions.doctoralacademy@manchester.ac.uk](mailto:admissions.doctoralacademy@manchester.ac.uk)

# PHARMACY

Discover more  
[www.manchester.ac.uk/bmh/study/masters](http://www.manchester.ac.uk/bmh/study/masters)  
[www.manchester.ac.uk/bmh/study/research](http://www.manchester.ac.uk/bmh/study/research)

Hospital pharmacists, community pharmacists and industrial scientists will find a wide range of postgraduate taught options tailored to support career development. You can choose to study bite-sized CPD courses through to an MSc dissertation.

Learn from experts through close links with the Centre for Pharmacy Postgraduate Education, a national provider of continuing professional development programmes for pharmacists and pharmacy technicians across England.

We provide MPhil/PhD programmes in various fields, and our four-year International PhD for overseas students incorporates an accredited postgraduate teaching certificate. Our world-leading research experience includes basic pharmaceutical science through to applied pharmacy practice and multidisciplinary research, which has demonstrable impact for patients and the public.

## WHY MANCHESTER?

- Study full-time, part-time or modular CPD options, including distance learning options
- Close working relationship with local hospitals (we have made joint appointments to the posts of clinical lectureships) and industrial partners
- Leading centre for pharmacy research, judged number one in the UK (REF 2014)
- Known internationally for strengths in cancer biology and drug development, biofilms and infection, predictive and translational pharmacokinetics research on drug metabolism, prescribing and medicines safety, workforce planning, education research and evaluation of pharmacy services
- Research students gain training opportunities and support through our Doctoral Academy

### TAUGHT COURSES

- Advanced Clinical Skills Short Course **PT**
- Advanced Specialist Training in Emergency Medicine (ASTEM) PGCert **PT**
- Clinical Pharmacy MSc/PGDip/CPD Distance Learning **PT DL**
- Independent Prescribing Short Course **PT**
- Model-Based Drug Development MSc **FT**
- Pharmaceutical Industrial Advanced Training (PIAT) MSc/PGDip/PGCert **PT**
- Clinical Trials pathway
  - Industrial Pharmacy pathway
  - Pharmaceutical Business Development and Licensing pathway
  - Pharmaceutical Microbiology pathway
- Pharmaceutical Technology and Quality Assurance MSc/PGDip/PGCert **PT**

### RESEARCH PROGRAMMES

- Drug Design, Development and Delivery MPhil/PhD **FT PT**
- Pharmacy and Pharmaceutical Sciences MPhil/PhD **FT PT**
- Pharmacy Practice MPhil/PhD **FT PT**
- You may also be interested in: Biological Sciences; Medical Sciences; Psychology and Mental Health; Public Health.*

### FUNDING

We offer a range of funding opportunities for PhD studentships from the various Doctoral Training Partnerships, such as the Medical Research Council. We also offer a number of scholarships and awards for outstanding international students, as well as a unique International PhD programme with integrated teaching certificate.

[www.manchester.ac.uk/bmh/study/research/funded-programmes](http://www.manchester.ac.uk/bmh/study/research/funded-programmes)

[www.manchester.ac.uk/bmh/study/research/financial-support](http://www.manchester.ac.uk/bmh/study/research/financial-support)

### CAREERS

We enable you to develop your chosen career path within the pharmacy profession or as a pharmaceutical scientist, by equipping you with advanced knowledge, problem-solving skills and a critical awareness of the most recent developments in your area of choice and specialism.

**Taught contact:** ☎ +44 (0)161 306 0604  
**Research contact:** ☎ +44 (0)161 275 5608

✉ [pgtaught.pharmacy@manchester.ac.uk](mailto:pgtaught.pharmacy@manchester.ac.uk)  
✉ [admissions.doctoralacademy@manchester.ac.uk](mailto:admissions.doctoralacademy@manchester.ac.uk)



# PHILOSOPHY

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

Philosophical research at Manchester covers the full range of subject areas, but we boast a special emphasis on aesthetics, history of analytic philosophy, metaphysics, philosophy of language, and philosophy of mind and psychology. Together with colleagues in the Manchester Centre for Political Theory, we also offer significant research expertise in political philosophy.

As well as weekly research seminars, Philosophy at Manchester hosts a large number of international conferences, such as Quine and Naturalism (2017) and Early Influences on Lewis (2017).

We are also home to a number of funded research projects, including The Age of Metaphysical Revolution: David Lewis and his Place in 20th Century Philosophy (2016–19); Knowledge of Emotion: Expression and Social Cognition (2012–16); and The Architecture of Consciousness (2012–17).

## WHY MANCHESTER?

- Teaching and supervision in a wide range of areas of analytical philosophy, with staff who have published extensively in most major areas of philosophy
- Dedicated support in dissertation planning, research and presentation skills
- Master's courses that offer small seminar-style classes with an emphasis on staff-student interaction
- Thriving postgraduate community with dedicated office space; each year we also organise a variety of workshops and conferences specifically for our postgraduate students

### TAUGHT COURSES

Philosophy MA **FT** **PT**

Political Science – Philosophy and Political Theory MA **FT** **PT**

### RESEARCH PROGRAMMES

Philosophy PhD **FT** **PT**

*You might also be interested in: Politics; Religions and Theology; Social Anthropology.*

## FUNDING

For details of funding opportunities, see:

[www.manchester.ac.uk/socialsciences/study/masters/fees-and-funding](http://www.manchester.ac.uk/socialsciences/study/masters/fees-and-funding)

[www.manchester.ac.uk/socialsciences/study/postgraduate-research/funding](http://www.manchester.ac.uk/socialsciences/study/postgraduate-research/funding)

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

## CAREERS

We offer select PhD students paid teaching opportunities, for which we provide training and mentoring. Final-year students may be offered some lecturing experience. Our research seminar encourages you to prepare work for publication in consultation with your supervisor; our students often have papers accepted for publication in international journals while pursuing their PhDs. Our placement officer provides guidance for PhD students wishing to pursue an academic career.

# PHYSICS AND ASTRONOMY

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

Our School is organised into four research divisions that span the breadth of physics: Theoretical Physics; Accelerator, Nuclear and Particle Physics; Condensed Matter, Atomic and Biological Physics; and the Jodrell Bank Centre for Astrophysics and the Jodrell Bank Observatory. These divisions offer a wide range of exciting opportunities for postgraduate research, working in world-leading teams, including experimental physics, observations, theory and technology.

Our research is about more than citations in academic papers. We apply our expertise in order to find solutions to the great challenges society faces, striving to shape the international agenda in collaboration with our partners in industry, government and academia.

We have a strong presence in several multidisciplinary research centres, including the Photon Science Institute, Centre for Nonlinear Dynamics, Dalton Nuclear Institute, and Mesoscience and Nanotechnology Centre. World-leading facilities include our famous Lovell Telescope and e-MERLIN/VLBI National Facility. The international Square Kilometre Array Organisation Headquarters is hosted at our Jodrell Bank Observatory. We gained Juno Champion status from the Institute of Physics in 2016 for our commitment to equality and diversity.

## WHY MANCHESTER?

- One of the UK's largest and most active schools of physics and astronomy
- 1st in Europe and 11th globally for physics in the Academic Ranking of World Universities 2017
- Our facilities, including Jodrell Bank Observatory and the Photon Science Institute, rival those of other leading universities worldwide
- Manchester Professors Andre Geim and Kostya Novoselov won the 2010 Nobel Prize in Physics for isolating the properties of wonder material graphene
- Ranked third in the UK for world-leading research and first in the UK for the real-world impact of our research (REF 2014)

### TAUGHT COURSES

Nuclear Science and Technology  
MSc/PGDip/PGCert **FT** **PT**

### RESEARCH PROGRAMMES

Astronomy and Astrophysics

MSc by Research/PhD **FT** **PT**

Biological Physics PhD **FT** **PT**

Condensed Matter Physics PhD **FT** **PT**

Graphene NOWNANO CDT PhD **FT** **PT**

Next Generation Nuclear CDT PhD **FT** **PT**

Nonlinear Physics MSc by Research/PhD **FT** **PT**

Nuclear Physics MSc by Research/PhD **FT** **PT**

Particle Physics MSc by Research/PhD **FT** **PT**

Photon Physics PhD **FT** **PT**

Physics PhD **FT** **PT**

Soft Matter and Liquid Crystals Physics MSc by Research/PhD **FT** **PT**

Theoretical Physics PhD **FT** **PT**

*You might also be interested in: Aerospace Engineering; Biological Sciences; Mathematics.*

## FUNDING

We offer research council (EPSRC and STFC) studentships to suitably qualified home/EU candidates, and a number of bursaries to supplement international and EU candidates.

## CAREERS

Graduate destinations are many and diverse. Some take up postdoctoral research and may go on to an academic career. Many go into industrial research jobs; others work for government labs, such as the National Physical Laboratory, enter scientific publishing, such as the Institute of Physics, or use their skills in finance and banking.

**Taught contact:** ☎ +44 (0)161 275 1296/4471 ✉ [pg-soss@manchester.ac.uk](mailto:pg-soss@manchester.ac.uk)

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**Taught contact:** ☎ +44 (0)161 306 3673

**Research contact:** ☎ +44 (0)161 306 3673

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# PLANNING AND ENVIRONMENTAL MANAGEMENT

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

Manchester is a vibrant 21st-century metropolis and a place of major urban change, offering you scope to explore development pressures and environmental impact. Covering planning, urban regeneration and development, urban design, real estate, and environmental management and assessment, we place a strong interdisciplinary emphasis on our work. We are home to the Manchester Urban Institute, and our problem-based approach to learning will help you think critically and creatively.

Graduates of our master's courses in Planning, Global Urban Development and Planning, Urban Design and International Planning, and Urban Regeneration and Development, can proceed to become full members of the Royal Town Planning Institute (RTPI) and a chartered town planner. The RTPI accredits our master's courses in Environmental Impact Assessment and Management, and Global Urban Development and Planning as specialist master's degrees.

Our master's courses in Planning, Environmental Impact Assessment and Management, Urban Regeneration and Development, and Real Estate are accredited by the Royal Institution of Chartered Surveyors (RICS).

## WHY MANCHESTER?

- Ranked fifth in the UK for planning in the *Complete University Guide* 2019
- Opportunities for international fieldwork
- Manchester has the largest concentration of professional practices outside London, and we enjoy strong professional links with planners, urban developers, real estate practitioners and environmental managers

### TAUGHT COURSES

- Data Science: Applied Urban Analytics MSc **FT**
- Environmental Impact Assessment and Management MSc **FT** **PT**
- Global Urban Development and Planning MSc **FT** **PT**
- Planning MSc **FT** **PT**
- Real Estate MSc **DL**
- Real Estate Asset Management MSc **FT** **PT**
- Real Estate Development MSc **FT** **PT**
- Research Methods with Planning and Environmental Management MSc **FT**
- Urban Design and International Planning MSc **FT** **PT**
- Urban Regeneration and Development MSc **FT** **PT**

### RESEARCH PROGRAMMES

- Planning and Environmental Management PhD **FT** **PT**
- Power Networks CDT PhD **FT**

*You may also be interested in: Earth and Environmental Sciences; Geography.*

## FUNDING

We offer several postgraduate taught scholarships and merit awards to outstanding applicants, and fund up to ten new PhD students through studentships equivalent to those provided by the Economic and Social Research Council.

## CAREERS

Our graduates work in environmental agencies and consultancies, private planning practices, real estate management, national and regional government (UK and overseas), local authorities, NGOs, and the water, energy and industrial sectors.

# POLITICS

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

What is politics, and what does it mean to be political? Why do violence, inequality, and poverty persist in the world? Why do we organise ourselves as we do at a local, national, and global level? How do political parties win elections and govern successfully? And how do we change the world in which we live?

These are just some of the questions we consider at Manchester – questions that are directly relevant to everyone and which raise fundamental issues about what it means to be human and living in complex times. Politics is the study of power in society, about who rules and why they do.

Whether investigating the effect of the global financial crisis on nation-states, humanitarian intervention to prevent famine in Sub-Saharan Africa, international terrorist attacks, or national concerns about the extent of European integration – politics at Manchester is about understanding the implications of such events, and how and why they happen.

We grapple with fundamental questions of how we think, see, and live in the world. We examine politics using a wide range of methods, based on the latest innovations in research. Our large size means we cover a huge range of sub-disciplines, so you will receive a broad education in political studies.

### TAUGHT COURSES

- Human Rights – Law/Political Science pathway (research route) MA **FT** **PT**
- Human Rights – Law/Political Science pathway (standard route) MA **FT** **PT**
- Human Rights – Political Science (research route) MA **FT** **PT**
- Human Rights – Political Science (standard route) MA **FT** **PT**
- International Political Economy (research route) MA **FT** **PT**
- International Political Economy (standard route) MA **FT** **PT**
- International Relations (research route) MA **FT** **PT**
- International Relations (standard route) MA **FT** **PT**
- Peace and Conflict Studies MA **FT** **PT**
- Political Economy (research route) MA **FT** **PT**
- Political Economy (standard route) MA **FT** **PT**
- Political Science – Democracy and Elections (research route) MA **FT** **PT**
- Political Science – Democracy and Elections (standard route) MA **FT** **PT**
- Political Science – European Politics and Policy pathway (research route) MA **FT** **PT**
- Political Science – European Politics and Policy pathway (standard route) MA **FT** **PT**
- Political Science – Governance and Public Policy pathway (research route) MA **FT** **PT**
- Political Science – Governance and Public Policy pathway (standard route) MA **FT** **PT**
- Political Science – Philosophy and Political Theory MA **FT** **PT**
- Political Science – Political Theory pathway (research route) MA **FT** **PT**
- Political Science – Political Theory pathway (standard route) MA **FT** **PT**

## WHY MANCHESTER?


- One of the largest and strongest politics departments in the UK, with a long and distinguished history as a centre of research and education
- Distinctive research strengths in analytical political theory, comparative public policy, electoral politics, critical international political economy and poststructuralist international relations

**Taught contact:** ☎ +44 (0)161 275 0969  
**Research contact:** ☎ +44 (0)161 275 0969

✉ [seed.admissions@manchester.ac.uk](mailto:seed.admissions@manchester.ac.uk)  
 ✉ [seed.admissions@manchester.ac.uk](mailto:seed.admissions@manchester.ac.uk)



**Taught contact:** ☎ +44 (0)161 275 4471/1296  
**Research contact:** ☎ +44 (0)161 275 4743 ✉ [pg-soss@manchester.ac.uk](mailto:pg-soss@manchester.ac.uk)



Politics MA  

RESEARCH PROGRAMMES

Applied Social Research PhD  

Politics PhD  

You might also be interested in: History; Law; Philosophy.

Our University is also home to the British Election Study (BES), one of the longest running election studies worldwide and the oldest social science survey in the UK, making a major contribution to the understanding of political attitudes and behaviour since 1964. It is funded by the Economic and Social Research Council, and offers exciting opportunities for graduate study within the area of electoral politics.

FUNDING

For details on awards available, visit:

[www.manchester.ac.uk/socialsciences/study/masters/fees-and-funding](http://www.manchester.ac.uk/socialsciences/study/masters/fees-and-funding)

[www.manchester.ac.uk/socialsciences/postgraduate-research/funding](http://www.manchester.ac.uk/socialsciences/postgraduate-research/funding)

CAREERS

Our multidisciplinary degrees give you the transferable and specific skills you need for many different careers. Some recent postgraduates have pursued careers in government organisations, political parties and international NGOs; others are employed in teaching, journalism, law, accountancy and management.

# PSYCHOLOGY AND MENTAL HEALTH

Discover more  
[www.manchester.ac.uk/bmh/study/masters](http://www.manchester.ac.uk/bmh/study/masters)  
[www.manchester.ac.uk/bmh/study/research](http://www.manchester.ac.uk/bmh/study/research)

You'll benefit from our collaborations with numerous external partners, including NHS trusts across the north-west region, hearing aid companies and educationalists. Our PhD students undertake research in areas as varied as neuroscience, cognition, audiology, communication disorders and childhood development.

Our MRes in Psychology prepares you for a research career or PhD study. The MSc in Clinical and Health Psychology and MSc in Health Psychology give you an academic grounding in theory, research and practice. The MSc in Health Psychology provides British Psychological Society accredited 'stage one' training for health psychologists.









## WHY MANCHESTER?

- Be part of an environment whose research influences, underpins and delivers improved services in international health care and education
- 83% of our research is rated "internationally excellent" or "world-leading" (3\* or 4\*) (REF 2014)
- The University houses the ESRC International Centre for Language and Communicative Development (LuCiD), a major new research consortium with the University of Liverpool and Lancaster University, whose mission is to bring about a step change in the understanding of child communication
- Learn from clinical psychologists who are world leaders in the development and evaluation of psychological and psychosocial interventions in the treatment of psychotic disorders, notably schizophrenia and emotional disorders
- Be taught by members of the Manchester Centre for Health Psychology, a group of internationally leading health psychologists
- Postgraduate research students benefit from training opportunities and support through our Doctoral Academy

TAUGHT COURSES

- Clinical and Health Psychology MSc 
- Forensic Psychology and Mental Health MSc/PGDip\*  
- Health Psychology MSc  
- Neuroimaging for Clinical and Cognitive Neuroscience MSc\*\* 
- Neuroscience MSc\*\* 
- Psychology MRes\*\* 

RESEARCH PROGRAMMES

- Clinical Psychology ClinPsyD/MPhil/PhD  
- Cognitive Neuroscience MPhil/PhD  
- Experimental Psychology MPhil/PhD  
- Health Psychology MPhil/PhD  
- Neuroscience MPhil/PhD  
- Paediatric Sciences MPhil/PhD  
- Psychology MPhil/PhD  

You may also be interested in: Biological Sciences; Medical Sciences; Mental Health.

FUNDING

We offer a range of funding opportunities for PhD studentships from the various Doctoral Training Partnerships, including the Biotechnology and Biological Sciences Research Council, Medical Research Council, PhD programme with A\*STAR Singapore, National Institute for Health Research and the ESRC North West Social Sciences. We also offer a number of scholarships and awards for outstanding international students, as well as a unique international PhD programme with integrated teaching certificate.

[www.manchester.ac.uk/bmh/study/research/funded-programmes](http://www.manchester.ac.uk/bmh/study/research/funded-programmes)

[www.manchester.ac.uk/bmh/study/research/financial-support](http://www.manchester.ac.uk/bmh/study/research/financial-support)

Please contact us for information about bursaries for master's courses.

## CAREERS

Many of our master's and PhD students have been accepted onto clinical doctorate training programmes. Additional career paths for our master's students include the NHS financial management scheme, project manager in medical electronics, technical analyst at NICE, independent mental health advocate, trainee counsellor, graduate market researcher, clinical psychology assistant and research assistant.

**For taught courses marked with a \* please contact**

☎ +44 (0)161 306 7604

✉ [pgt.mentalhealth@manchester.ac.uk](mailto:pgt.mentalhealth@manchester.ac.uk)

**For taught courses marked with a \*\* please contact**

☎ +44 (0)161 306 5439

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

# PUBLIC HEALTH AND PRIMARY CARE

Discover more  
[www.manchester.ac.uk/bmh/study/masters](http://www.manchester.ac.uk/bmh/study/masters)  
[www.manchester.ac.uk/bmh/study/research](http://www.manchester.ac.uk/bmh/study/research)

We offer substantial postgraduate training opportunities in epidemiology, public health and primary care, ranging from professionally linked master's courses to research training for academic or health care careers.

Contemporary health and social care practice requires practitioners to be flexible, with broad experience of a range of subject areas, from management and leadership to research methods. Studying our evidence-based courses will equip you with the skills and knowledge to help improve people's health and reduce inequalities in health.

## FUNDING

We offer a range of funding opportunities for PhD studentships from the various Doctoral Training Partnerships, including the Medical Research Council and National Institute for Health Research. We also offer several scholarships and awards for outstanding international students, as well as a unique International PhD programme with integrated teaching certificate.

## WHY MANCHESTER?

- Many modular and online courses, ideal for studying around other commitments and building your CPD portfolio
- Receive support from a dedicated team of e-learning, academic and administration specialists
- Courses tailored to your needs and aspirations, featuring expert tutors with research and service backgrounds in public health, primary care, health services management and other related specialties
- Global alumni network in organisations ranging from the World Health Organization (WHO) and the National Institute for Health and Care Excellence (NICE), to local government offices and the NHS
- Research students gain training opportunities and support through our Doctoral Academy

### TAUGHT COURSES

Dental Public Health MDPH/MRes/PGDip/PGCert **FT** **PT** **DL**

Primary Care (distance learning) MRes/PGDip/PGCert **FT** **PT** **DL**

Public Health (distance learning) MPH/MRes/PGDip/PGCert/CPD **FT** **PT** **DL**

### RESEARCH PROGRAMMES

Health Economics MPhil/PhD **FT** **PT**

Health Informatics MPhil/PhD **FT** **PT**

Health Psychology MPhil/PhD **FT** **PT**

Health Services Research MPhil/PhD **FT** **PT**

Occupational and Environmental Health MPhil/PhD **FT** **PT**

Primary Care and Health Services Research MPhil/PhD **FT** **PT**

Public Health MPhil/PhD **FT** **PT**

*You may also be interested in: Audiology; Dentistry; Medical Sciences; Social Anthropology; Social Work.*

[www.manchester.ac.uk/bmh/study/research/funded-programmes](http://www.manchester.ac.uk/bmh/study/research/funded-programmes)

[www.manchester.ac.uk/bmh/study/research/financial-support](http://www.manchester.ac.uk/bmh/study/research/financial-support)

## CAREERS

Most of our graduates progress in public health professional practice, and many find that the MPH qualification offers other employment opportunities within the field. Some students go on to postdoctoral and academic posts in UK and international universities, or find employment within clinical or consultancy roles.

**For dental public health enquiries contact:**

✉ [pgtaught.dentistry@manchester.ac.uk](mailto:pgtaught.dentistry@manchester.ac.uk)

**Taught contact:** ☎ +44 (0)161 306 0270

**Research contact:** ☎ +44 (0)161 275 5608

✉ [pgtaught.psychology@manchester.ac.uk](mailto:pgtaught.psychology@manchester.ac.uk)

✉ [admissions.doctoralacademy@manchester.ac.uk](mailto:admissions.doctoralacademy@manchester.ac.uk)

**Taught contact:** ☎ +44 (0)161 306 0604

**Research contact:** ☎ +44 (0)161 275 5608

✉ [pgtaught.cbm@manchester.ac.uk](mailto:pgtaught.cbm@manchester.ac.uk)

✉ [admissions.doctoralacademy@manchester.ac.uk](mailto:admissions.doctoralacademy@manchester.ac.uk)



# RELIGIONS AND THEOLOGY

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

Study with us and enjoy access to research strengths and specialist teaching across a breadth of areas in religions and theology, including: biblical studies; Jewish studies; Christian (including political) theology; Islamic philosophy; continental philosophy and social ethics.

You'll explore religion and theology in their historical, contemporary and political contexts, uncovering how they continue to influence the world in which we live today, and determining your own study pathway throughout. You'll learn about the impact of religion and theology on human behaviour, looking at local, national and international perspectives. We'll also encourage you to investigate and interrogate assumptions through stimulating debates and discussions that take into account a breadth of social and cultural backgrounds.

We approach religions and theology from a distinctively comparative, contextual and multidisciplinary angle, and encourage our students to raise new questions and cross boundaries. Close links with subject areas such as Classics and Ancient History, Archaeology, and Middle

## WHY MANCHESTER?

- World-class resources include The John Rylands Library – home to biblical and Jewish papyri, anti-slavery collections and the Methodist and Christian Brethren archives
- Internationally recognised research centres include the Centre for Jewish Studies (one of only three regional hubs of excellence in Europe), the Centre for Biblical Studies (one of the world's strongest producers of highly cited biblical research) and the Lincoln Theological Institute (conducting pioneering work in theology, such as the first systematic theological treatment of climate change)
- 75% of our research activity was rated "world-leading" (4\*) or internationally excellent (3\*) in the last Research Excellence Framework (REF 2014)

### TAUGHT COURSES

Religions and Theology MA **FT** **PT**

### RESEARCH PROGRAMMES

Religions and Theology MPhil/PhD **FT** **PT**

*You might also be interested in: Art History and Visual Studies; Classics and Ancient History; Languages and Cultures; Philosophy and Social Anthropology.*

Eastern Studies offer opportunities for interdisciplinary research and study. Current sample research topics cover subjects as diverse as literary structures in ancient Jewish literature and the relationship between religion and politics in contemporary Britain.

## FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

## CAREERS

You'll gain the versatile analytical skills required to help you apply critical thinking to religion-related issues arising in work settings or in research. Our postgraduate courses can act as a gateway for an academic career, or lead to professional roles in the media, voluntary sector or cultural organisations. For professionals in schools, religious ministries or other areas, our postgraduate programmes bring a new level of expertise and confidence.

# SOCIAL ANTHROPOLOGY

Discover more  
[www.manchester.ac.uk/social-anthropology](http://www.manchester.ac.uk/social-anthropology)

Anthropology at Manchester builds on a strong tradition of innovative social research around themes of social change, conflict and political economy. Today, we have a reputation for addressing cutting-edge and unusual research topics, while respecting the classical and long-standing interests of the discipline. Our anthropological interests have grown both thematically and geographically over the years, and today cover most of the globe.

Our staff work on a range of topical issues, including conflict and its aftermath, economic change, kinship, gender, infrastructures, inequality, globalisation, sexuality, the material world, new technologies, visual culture and representation beyond texts.

We have an unequalled reputation for ethnographic filmmaking, photography and sound. We also have many interdisciplinary links, notably with colleagues in Development Studies, History, Archaeology and Drama.

If you have an interest in, but no background of social anthropology, our MA in Social Anthropology is designed as a conversion degree, with many students going on to join the doctoral programme.

## WHY MANCHESTER?

- Ranked first in the UK for research capacity and impact in the most recent Research Excellence Framework (REF 2014)
- Internationally renowned, with noted expertise in the anthropology of development, materiality, the state, kinship, political economy, science and technology
- Be taught by research-active staff with ethnographic experience in many parts of the world, including Latin America, East and Sub-Saharan Africa, Melanesia, India, Japan, Europe, Kyrgyzstan, Siberia and Lebanon
- Gain training in visual anthropology, ethnographic documentary and sensory media at our highly regarded Granada Centre for Visual Anthropology

### TAUGHT COURSES

Anthropological Research MA **FT** **PT**

Social Anthropology MA/PGDip (pathways may include: Visual and Sensory Media; Culture, Ethnography and Development) **FT** **PT**

Visual Anthropology MA **FT**

### RESEARCH PROGRAMMES

Social Anthropology PhD **FT** **PT**

Social Anthropology with Visual Media PhD **FT** **PT**

*You might also be interested in: Languages and Cultures; Philosophy; Religions and Theology.*

## FUNDING

For information about fees and funding, see:

[www.manchester.ac.uk/socialsciences/study/masters/fees-and-funding](http://www.manchester.ac.uk/socialsciences/study/masters/fees-and-funding)

[www.manchester.ac.uk/socialsciences/study/postgraduate-research/funding](http://www.manchester.ac.uk/socialsciences/study/postgraduate-research/funding)

## CAREERS

A social anthropological perspective is useful and valuable in all kinds of careers. Many employers increasingly see the contribution that cross-cultural and international expertise can make to their work.

Our graduates have gone on to careers in: social research for public, private and third sector organisations; public policy work for local, national and international governmental organisations; education; and writing for media organisations.

**Taught contact:** ☎ +44 (0)161 306 1259  
**Research contact:** ☎ +44 (0)161 275 3559

✉ [masalc@manchester.ac.uk](mailto:masalc@manchester.ac.uk)  
✉ [phdsalc@manchester.ac.uk](mailto:phdsalc@manchester.ac.uk)

**Taught contact:** ☎ +44 (0)161 275 4471/1296 ✉ [pg.physics@manchester.ac.uk](mailto:pg.physics@manchester.ac.uk)  
**Research contact:** ☎ +44 (0)161 275 4743 ✉ [pg-soss@manchester.ac.uk](mailto:pg-soss@manchester.ac.uk)

# SOCIAL STATISTICS

Discover more  
[www.manchester.ac.uk/social-statistics](http://www.manchester.ac.uk/social-statistics)

A high-profile discipline area within our School of Social Sciences, social statistics helps you to develop and apply statistical and quantitative research in the social sciences.

Research activities are both methodological and substantive. You can focus on a wide range of subject areas, including social inequalities, population dynamics, social network analysis and survey methodology. We work across disciplines, developing and applying statistical and advanced quantitative methods within a social science framework.

Our strong connection with the Cathie Marsh Institute for Social Research (CMI) reflects our commitment to cross-disciplinary integrated research. We help teach the short-course programmes of CMI, which provide training in an applied context for students, academics and government researchers.

## WHY MANCHESTER?



- Graduate programmes recognised by the Economic and Social Research Council (ESRC) and the North West Social Science Doctoral Training Partnership
- Ranked first in the UK based on the high percentage of our research activity rated as "world-leading" (4\*) in the Research Excellence Framework (REF 2014)



### TAUGHT COURSES

Social Research Methods and Statistics  
 MSc/PGDip  

Data Science MSc 

### RESEARCH PROGRAMMES

Applied Social Research PhD  

Social Statistics PhD  

*You might also be interested in: Mathematics.*

## FUNDING

For information about funding, see:

[www.manchester.ac.uk/socialsciences/study/masters/fees-and-funding](http://www.manchester.ac.uk/socialsciences/study/masters/fees-and-funding)

[www.manchester.ac.uk/socialsciences/study/postgraduate-research/funding](http://www.manchester.ac.uk/socialsciences/study/postgraduate-research/funding)

## CAREERS

Employability is high among our postgraduate alumni, who have gone on to jobs such as data analysts, consultants, civil servants, international organisation staff researchers, project managers, evaluation specialists and government statisticians.

Our PhD students, many of whom are Research Council funded, join a thriving research programme and receive high-quality training and supervision tailored to your particular needs.

# SOCIAL WORK

Discover more  
[www.manchester.ac.uk/bmh/study/masters](http://www.manchester.ac.uk/bmh/study/masters)  
[www.manchester.ac.uk/bmh/study/research](http://www.manchester.ac.uk/bmh/study/research)


As a key member of the Greater Manchester Social Work Academy – a government-sponsored Teaching Partnership – we work in close collaboration with local authorities and private and voluntary organisations across Greater Manchester. Our commitment is to ensure that all of our master's students are provided with statutory experience in both practice placements – excellent experience for your future employability.

Our MPhil/PhD in Social Work is an integral part of our ESRC North West Doctoral Training Centre, assuring high-quality research teaching, supervision and support. As an MPhil or PhD student, you'll play a key role in our research output and we'll encourage you to publish your research, present at conferences and engage with the wider community. We've built our research culture on the integration of professional knowledge and expertise with strong research education and support.

## WHY MANCHESTER?

- Gain a nationally and internationally recognised professional social work qualification and become eligible to register as a qualified social worker with the HCPC
- Learn through methods involving service users, carers and current social work practitioners
- 100% of our students say our staff are enthusiastic about social work (Postgraduate Taught Experience Survey 2015/16)
- Gain practical experience during 170 days of high-quality placements through our membership of the Greater Manchester Social Work Academy
- Learn from teaching staff who actively undertake research in health and social care

### TAUGHT COURSES

Social Work MA 

### RESEARCH PROGRAMMES

Social Work MPhil/PhD  

*You may also be interested in: Nursing and Midwifery; Mental Health*

## FUNDING

We offer a range of funding opportunities for PhD studentships from the various Doctoral Training Partnerships, including the Medical Research Council, National Institute for Health Research and ESRC North West Social Sciences DTP. We also offer a number of scholarships and awards for outstanding international students, as well as a unique International PhD programme with integrated teaching certificate.

[www.manchester.ac.uk/bmh/study/research/funded-programmes](http://www.manchester.ac.uk/bmh/study/research/funded-programmes)

[www.manchester.ac.uk/bmh/study/research/financial-support](http://www.manchester.ac.uk/bmh/study/research/financial-support)



For information about loans and bursaries for master's study, visit:

[www.manchester.ac.uk/bmh/study/masters/fees-funding](http://www.manchester.ac.uk/bmh/study/masters/fees-funding)

## CAREERS

Our internationally recognised professional qualifications open up multiple rewarding career options in various fields, including mental health, childcare and child protection, learning and physical disabilities and working with older people. Many social workers work in local authorities, which provide services for adults and children and families; others work in NHS trusts and the voluntary or private sector. They also increasingly work to support communities and more informal networks of community care, and are often key members of multidisciplinary teams across the statutory, voluntary and private sectors who work with a wide range of people.


**Taught contact:**  +44 (0)161 275 1296/4471  [pg-soss@manchester.ac.uk](mailto:pg-soss@manchester.ac.uk)

**Research contact:**  +44 (0)161 275 1296  [pg-soss@manchester.ac.uk](mailto:pg-soss@manchester.ac.uk)

**Taught contact:**  +44 (0)161 306 7604

**Research contact:**  +44 (0)161 275 5608

 [pgtaught.socialwork@manchester.ac.uk](mailto:pgtaught.socialwork@manchester.ac.uk)

 [admissions.doctoralacademy@manchester.ac.uk](mailto:admissions.doctoralacademy@manchester.ac.uk)



# SOCIOLOGY

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

One of the UK's largest and most prestigious centres for sociology, we specialise in theoretically driven empirical research and in experimental and mixed methods research.

Our broad expertise includes all areas of contemporary sociology, but we are particularly strong in: socio-cultural change, everyday life, gender and sexuality; cultural practices, consumption and sustainability; social movements and social networks; stratification, inequality, race and ethnicity; technology and material culture.

We value teaching and research that engages with real-world issues. Our most important commitment is providing you with a first-class education to develop your sociological imagination, and research skills to equip you for your future career.

## TAUGHT COURSES

Sociological Research MSc **FT** **PT**

Sociology MA/PGDip **FT** **PT**

## RESEARCH PROGRAMMES

Applied Social Research PhD **FT** **PT**

Sociology PhD **FT** **PT**

*You might also be interested in: Public Health; Social Anthropology; Social Work.*

## FUNDING

For information about funding, see:

[www.manchester.ac.uk/socialsciences/study/masters/fees-and-funding](http://www.manchester.ac.uk/socialsciences/study/masters/fees-and-funding)

[www.manchester.ac.uk/socialsciences/study/postgraduate-research/funding](http://www.manchester.ac.uk/socialsciences/study/postgraduate-research/funding)

## CAREERS

Our taught master's students go on to varying destinations, including PhD study in sociology, research posts in think tanks and local government policy work.

Our graduates have also gone on to careers in: social research for public, private and third-sector organisations; public policy work for local, national and international governmental organisations; education; and writing for media organisations.

## WHY MANCHESTER?

Consistently ranked highly for research, we ranked first in the UK for the percentage of our research outputs judged as "world-leading", and second nationally for our research power in the most recent Research Excellence Framework (REF 2014)

Enjoy access to a world-class library, and active participation in our department's research seminars, reading groups and conferences

Expert supervision on the range of subjects within contemporary sociology and on multidisciplinary and interdisciplinary projects, involving collaborations with colleagues

# TRANSLATING, INTERPRETING AND INTERCULTURAL STUDIES

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

Our MA/PGDip in Translation and Interpreting Studies is one of the most comprehensive of its kind in the UK and is accredited by the prestigious European Master's in Translation network. Gain the knowledge and skills required for a career in the translation industry, or other cross-cultural communications professions.

Our MA/PGDip in Conference Interpreting offers consecutive and simultaneous interpreting training in Chinese, English, French, German, Spanish and Russian, courtesy of professional conference interpreters with EU or UN accreditation. Gain practical skills for your career as an interpreter and build further expertise studying foreign affairs, interpreting theory and professional development.

Through our MA in Intercultural Communication you'll explore the cultural complexities and diversity of our current times from various conceptual, disciplinary and professional perspectives, tackling subjects from migration issues, to English as a global language.

We offer doctoral training with one of the UK's largest concentrations of translation and interpreting specialists, crossing many interdisciplinary topics, from translation and conflict, to sociological models of interpreting. You can access weekly research seminars, training masterclasses, international conferences and workshops via our Centre for Translation and Intercultural Studies.

## WHY MANCHESTER?

Learn the latest translation technologies, or train on state-of-the-art equipment in our interpreting suite via our practical course units

Enjoy work placement, internship and training opportunities in the UK and abroad courtesy of our strong contacts with industry

Ranked third in the UK for "research power" (REF 2014)

## TAUGHT COURSES

Conference Interpreting MA/PGDip **FT** **PT**

Intercultural Communication MA **FT** **PT**

Translation and Interpreting Studies MA/PGDip **FT** **PT**

## RESEARCH PROGRAMMES

Interpreting Studies PhD **FT**

Translation and Intercultural Studies MPhil/PhD **FT**

*You may also be interested in: Languages and Cultures.*

## FUNDING

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, UK Research and Innovation and other external funders. For details, visit:

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

## CAREERS

You'll have the opportunity to enter a wide variety of careers in intercultural communication, translation and interpreting, as well as positions in business, NGOs and the arts. You'll use industry-standard translation software and train in the same kind of interpreting facilities used in the European Parliament. You can also experience industry first-hand, visiting the United Nations Office in Geneva, the European Commission in Brussels, and translation companies in the UK.

Our graduates find employment in the UK and overseas, including roles with cultural organisations, national and regional government, translation agencies, UN agencies and private business. Many of our PhD graduates now have academic careers in universities all over the world, from Athens to Abu Dhabi.

**Taught contact:** ☎ +44 (0)161 275 1296/4471 ✉ [pg-soss@manchester.ac.uk](mailto:pg-soss@manchester.ac.uk)

**Research contact:** ☎ +44 (0)161 275 1296 ✉ [pg-soss@manchester.ac.uk](mailto:pg-soss@manchester.ac.uk)

**Taught contact:** ☎ +44 (0)161 306 1259

**Research contact:** ☎ +44 (0)161 275 3559

✉ [masalc@manchester.ac.uk](mailto:masalc@manchester.ac.uk)

✉ [phdsalc@manchester.ac.uk](mailto:phdsalc@manchester.ac.uk)

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**“Use your head but  
follow your heart.”**

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Professor Dame Nancy Rothwell,  
President and Vice-Chancellor of  
The University of Manchester

**PREPARE  
FOR  
MANCHESTER**

**F**very great journey starts with a single step  
– and we’ll help you to make it. Discover  
what you need in order to come to The University  
of Manchester.



# ENTRY REQUIREMENTS

**A**t Manchester we welcome talented students from all backgrounds who have achieved excellence in a wide range of UK and international qualifications.

For details on the exact qualifications, skills and qualities you need to embark on your desired postgraduate programme at Manchester – including English language requirements – visit the programme or course profile on our website:

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

## International qualifications

If you have qualifications from outside the UK and want to know whether or not we accept them for entry to Manchester, please visit our website, or email us:

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

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

## English language requirements

A high standard of English is a valuable long-term skill that will enhance your job prospects. We deliver all our teaching, assessment and student support in English at Manchester.

You must therefore be able to demonstrate your proficiency in written and spoken

English to the general standard that we require, and to the specific entry requirements of the programme you're applying for.

If you need a Tier 4 visa to study with us, you must also satisfy UK Visas and Immigration's English language requirements.

## Approved English language tests

Most international students will need to demonstrate English language proficiency through an approved test. These internationally recognised assessments of English are usually designed to determine the ability of non-native speakers who intend to study or train in English.

For example: IELTS Academic is accepted by most British, Australian, Canadian and New

Zealand academic institutions

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

In general, we will require an overall score of 6.5–7.5 in IELTS, depending on the programme; many programmes also specify a minimum score in some test sub-scores (eg 6.5 in writing or reading).

## Other acceptable qualifications

We do accept some other English language tests for the purposes of admission. Visit our website to find out more:

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

## Stay up-to-date

Some test scores, such as IELTS, are only valid for two years. Your English language test must be valid on the date you start your academic programme, otherwise you'll need to retake it.

## SUPPORT WITH YOUR APPLICATION

### Applicants with additional support needs

We welcome applications from anyone who has additional support needs arising from a long-term medical condition, disability, mental health difficulty, or specific learning difficulty such as dyslexia or dyspraxia. We'll consider your application on exactly the same academic grounds as other applications.

Please get in touch with our Disability Advisory and Support Service as early as possible once you've applied. This will help us to get all the support you need in place before you start your programme.

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

### International students

We have educational consultants in many overseas locations who can assist you with preparing and submitting your application. Find out if we have representatives in your country:

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

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 Earth, Atmospheric and Environmental Sciences PhD/MPhil/MSc by Research	73	Experimental Medicine (Respiratory) MRes/PGCert	97
East Asian Studies PhD/MPhil	88	Experimental Psychology PhD/MPhil	113
Economics PhD/MRes/MSc/MA	75	 Film Studies MA	72
Education EdD/PhD	76	Finance MSc	55
Education (International) MA	76	Financial Economics MSc	75
Educational and Child Psychology DEdChPsy	76	Financial Mathematics PhD	94
Educational Leadership MA	76	Fixed and Removable Prosthodontics MSc (Clin)	70
Electrical and Electronic Engineering PhD/MPhil	78	Fixed and Removable Prosthodontics (Dental Specialties) MSc	70
Electrical Power Systems Engineering MSc	78	Forensic Psychology and Mental Health MSc/PGDip	113
Endocrinology and Diabetes PhD/MPhil	98	French Studies PhD/MPhil	88
Endodontics MSc/PhD/MPhil	70/71	Fusion Energy CDT PhD	93
Endodontics (Dental Specialties) MSc/PGDip	70	 Gastroenterology PhD/MPhil	98
Engineering Project Management MSc	65	Gender, Sexuality and Culture MA	79
English and American Studies PhD	79	Genetics PhD/MPhil	62/73
English Language PhD	92		
English Literature and American Studies MA	79		
Environmental Biology PhD/MPhil	62/73		
Environmental Engineering PhD/MPhil	80		

Genomic Medicine MSc/MRes/PGDip/PGCert/CPD	61	Human Rights – Political Science (Standard Route) MA	111
Genomics PhD/MPhil	62	Humanitarianism and Conflict Response PhD/MA	85
Geographical Information Science MSc	81	Humanitarian Practice – MSF Distance Learning MSc	85
German Studies PhD/MPhil	88		
Global Health MSc/PGCert/PGDip	85	 ICTs for Development MSc	86
Global Urban Development and Planning MSc	86/110	Imagining and Characterisation PhD/MPhil/MSc by Research	93
Graphene NOWNANO CDT PhD	109	Immunology PhD/MPhil	62
 Health and Social Care MRes HSC	102	Independent Prescribing (Short Course)	102/106
Health Data Science MSc/PGDip/PGCert	82	Infection Biology MRes	61
Health Economics PhD/MPhil	82/115	Infectious Diseases PhD/MPhil	62
Health Informatics PhD/MPhil	82/115	Inflammation Sciences PhD/MPhil	62
Health Psychology PhD/MPhil/MSc	82/113/115	Innovation Management and Entrepreneurship MSc	55
Health Services Research PhD/MPhil	115	Inorganic Chemistry PhD/MPhil	64
Healthcare Ethics PGCert	91	Intellectual Property Law LLM	91
Healthcare Ethics and Law MA/LLM/ (Intercalated) MSc/PGDip	91	Intercultural Communication MA	76/92/121
Healthcare Law PGCert	91	International Business and Commercial Law LLM	91
Heritage Studies MA	83	International Business and Management (Management) MSc	56
History PhD/MPhil/MA	84	International Development MSc	86
History of Science, Technology and Medicine PhD/MPhil	98	International Development: Development Management MSc	86
History of Science, Technology and Medicine (including Medical Humanities award route) MSc	61/97	International Development: Environment Climate Change and Development MSc	86
Human Geography PhD	81	International Development: Globalisation, Trade and Industry MSc	86
Human Resource Development (International Development) MSc	86	International Development: Politics, Governance and Development Policy MSc	86
Human Resource Development and Management (International Development) MSc	86	International Development: Poverty Conflict and Reconstruction MSc	86
Human Resource Management (International Development) MSc	86	International Development: Poverty, Inequality and Development MSc	86
Human Resource Management and Industrial Relations MSc	55	International Development: Public Policy and Management MSc	86
Human Rights – Law/Political Science Pathway (Research Route) MA	111	International Disaster Management MSc	85
Human Rights – Law/Political Science Pathway (Standard Route) MA	111	International Fashion Marketing MSc	93
Human Rights – Political Science (Research Route) MA	111	International Fashion Retailing MSc	93
		International Financial Law LLM	91



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International Human Resource Management and Comparative Industrial Relations MSc	56	Master of Enterprise, Business and Entrepreneurship MEnt	56	
International Political Economy (Research) MA	111	Materials PhD/MPhil/MSc by Research	93	
International Political Economy (Standard) MA	111	Materials Chemistry PhD/MPhil	64	
International Relations (Research) MA	111	Materials for Demanding Environments CDT PhD	93	
International Relations (Standard) MA	111	Mathematical Finance MSc	94	
International Trade Transactions LLM	91	Mathematical Logic PhD	94	
Interpreting Studies PhD	121	Mathematics in Actuarial Science PhD	94	
Investigative Ophthalmology and Vision Science MSc/MRes/CPD	105	Mathematical Sciences MPhil	94	
Isotope Geochemistry and Cosmochemistry PhD/MPhil/MSc by Research	73	Mechanical Engineering PhD/MPhil	95	
Italian Studies PhD/Phil	88	Mechanical Engineering Design MSc	95	
	Japanese Studies PhD/MPhil	88	Medical Education MSc/PGDip/PGCert	97
			Medical Genetics PhD/MPhil	98
			Medical Humanities MSc	97
			Medical Imaging MSc/PGDip	96
			Medical Microbiology PhD/MPhil/MSc/PGDip/PGCert	61/97/98
	Latin American Cultural Studies PhD/MPhil	88	Medical Mycology PhD/MPhil	98
			Medical Sciences MRes	97
			Medical Virology PhD/MPhil/MSc/PGDip	61/97/98
Law LLM/PhD/MPhil	91	Medicine PhD/MPhil/MD	62/98/99	
Linguistics PhD/MA	92	Medieval and Early Modern Studies MA	84	
	Management MRes/MSc	56	Mental Health PhD/MPhil	99
			Metallurgy and Corrosion PhD/MPhil/MSc by Research	93
			Microbiology PhD/MPhil	62/73
			Middle Eastern Studies PhD/MPhil	88
			Midwifery PhD/MPhil	102
Management and Information Systems: Change and Development MSc	86	Model-Based Drug Development MSc	106	
Management (Materials) and Marketing PhD/MPhil/MSc by Research	93	Modern and Contemporary Literature MA	79	
Management of Projects PhD/MSc	65	Modern Languages and Cultures MA	88	
Manchester MBA (full-time)	56	Molecular Biology PhD/MPhil	62/73	
Manchester Global MBA (part-time)	56	Molecular Pathology MSc	97	
Manchester-Kelley Global MBA (part-time)	56	Multi-Scale Modelling PhD/MPhil/MSc by Research	63	
Marketing MSc	56	Musculoskeletal PhD/MPhil	62	
Marketing (Specialism) MSc	56			

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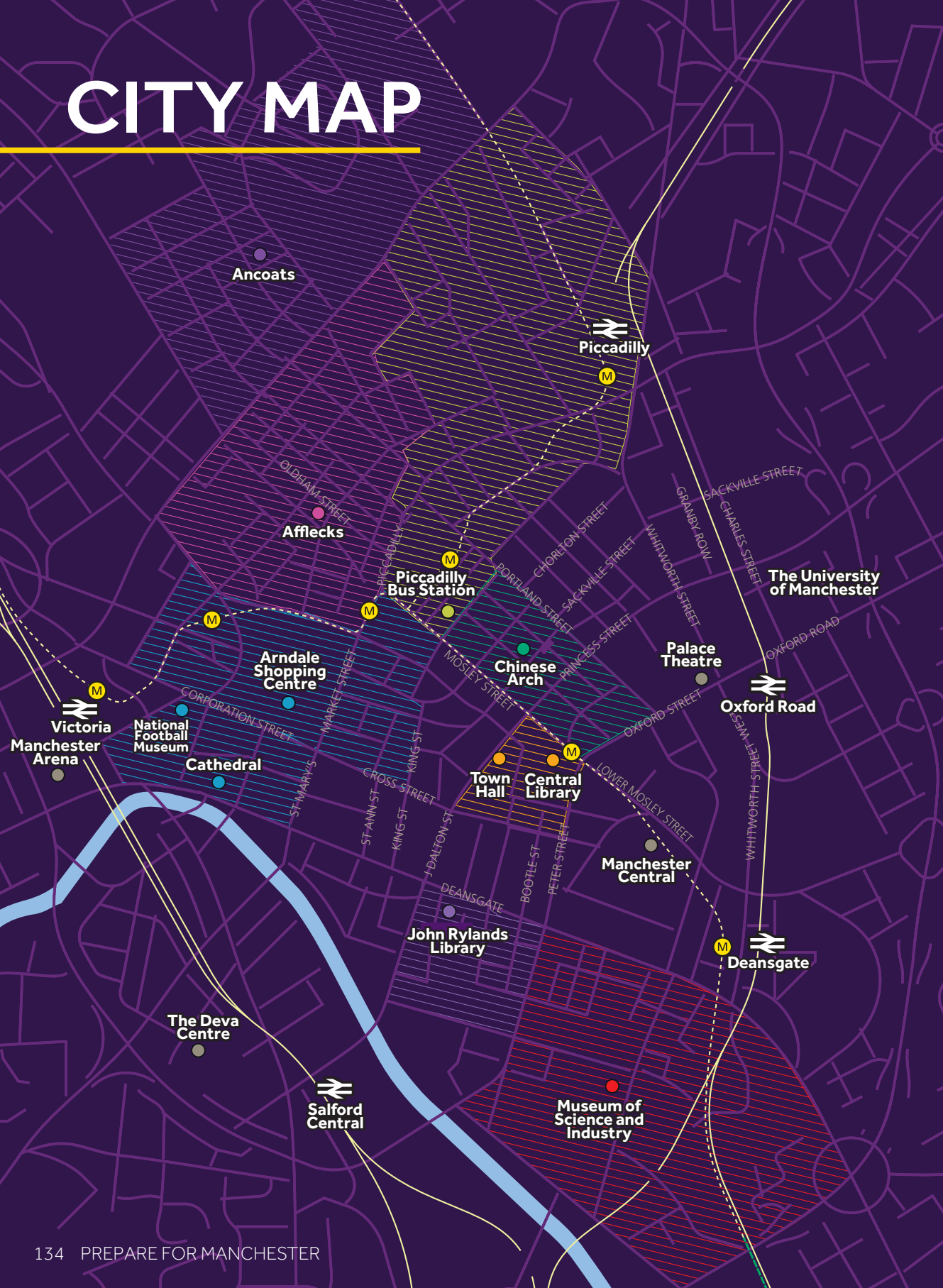


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Physics PhD	109	Primary Care (Web-based Learning) MRes/PGDip/PGCert	115
Physics and Chemistry of Minerals and Fluids PhD/MPhil/MSc by Research	73	Primary Mental Health Care pathway – APIMH MSc/PGDip/PGCert	102
Physiology PhD/MPhil	62	Probability PhD	94
Planning MSc	110	Process Integration PhD/MPhil/MSc by Research	63
Planning and Environmental Management PhD	110	Project Management MSc/DProf	65
Plant Science PhD/MPhil	62/74	Prosthodontics PhD/MPhil	71
Polish Studies PhD/MPhil	88	Psychiatry PhD/MPhil	99
Political Economy (Research Route) MA	111	Psychology PhD/MPhil/MRes	113
Political Economy (Standard Route) MA	111	Psychology of Education MEd	76
Political Science – Democracy and Elections (Research Route) MA	111	Public Health PhD/MPhil	82/115
Political Science – Democracy and Elections (Standard Route) MA	111	Public Health (Web-based Learning) MPH/MRes/PGDip/PGCert/CPD	115
Political Science – European Politics and Policy Pathway (Research Route) MA	111	Public International Law LLM	91
Political Science – European Politics and Policy Pathway (Standard Route) MA	111	Pure Mathematics PhD	94
Political Science – Governance and Public Policy Pathway (Research Route) MA	111	Pure Mathematics and Mathematical Logic MSc	94
Political Science – Governance and Public Policy Pathway (Standard Route) MA	111		
Political Science – Philosophy and Political Theory MA	108/111	 Quantitative Finance MSc	56
Political Science – Political Theory Pathway (Research Route) MA	111		
Political Science – Political Theory Pathway (Standard Route) MA	111	 Real Estate MSc	110
Politics PhD/MA	112	Real Estate Asset Management MSc	110
Pollution and Environmental Control MSc	73	Real Estate Development MSc	110
Polymer Materials Science and Engineering MSc	64/93	Reliability Engineering and Asset Management MSc/DProf	95
Polymers and Composites PhD/MPhil/MSc by Research	93	Religions and Theology PhD/MPhil/MA	116
Portuguese Studies PhD/MPhil	88	Renewable Energy and Clean Technology MSc	78
Power Networks CDT PhD	78/110	Reproduction and Pregnancy MRes	97
Primary Care and Health Services Research PhD/MPhil	82/115	Reproductive Sciences PhD/MPhil	98
		Research Methods with Education MSc	76
		Research Methods with Human Geography MSc	81

Research Methods with International Development MSc	86	 Teaching and Learning in Biology, Medicine and Health Sciences PGCert	97
Research Methods with Planning and Environmental Management MSc	110	TESOL MA	76
Restorative and Aesthetic Dentistry MSc/PGDip	70	Textiles and Apparel PhD/MPhil/MSc by Research	93
Russian Studies PhD/MPhil	88	Textile Technology (Technical Textiles) MSc	93
		Textiles and Fashion MEnt	93
		Theoretical Chemistry PhD/MPhil	64
 Science Communication MSc	61/97	Theoretical Physics PhD	109
Science, Technology and Innovation Policy PhD	56	Thermal Power and Fluid Engineering MSc	95
Screenwriting MA	68	Tissue Engineering for Regenerative Medicine MRes	61
Security and International Law MA/LLM	91	Translation and Intercultural Studies PhD/MPhil	121
Skin Ageing and Aesthetic Medicine MSc/PGDip	61	Translation and Interpreting Studies MA/PGDip	121
Social Anthropology PhD	117	Translational Medicine: Interdisciplinary Molecular Medicine MRes/PGCert	61
Social Anthropology – Culture, Ethnography and Development Pathway MA/PGDip	117	Translational Dispute Resolution LLM	91
Social Anthropology – Visual and Sensory Media Pathway MA	117		
Social Anthropology with Visual Media PhD	117	 Urban Design and International Planning MSc	110
Social Research Methods and Statistics MSc/PGDip	118	Urban Regeneration and Development MSc	110
Social Statistics PhD	118		
Social Work PhD/MPhil/MA	102/119	 Visual Anthropology MA	117
Sociological Research MSc/PGDip	120		
Sociology PhD/MA/PGDip	120	 Wellcome Trust – Molecular and Cell Biology PhD	62/98
Soft Matter and Liquid Crystals Physics PhD/MSc by Research	109	Wellcome Trust – Quantitative and Biophysical Biology PhD	62/98
Software Systems Engineering EngD	67		
Spanish Studies PhD/MPhil	88		
Statistics PhD/MSc	94		
Stem Cell Research PhD/MPhil	62/98		
Structural and Petrological Geoscience PhD/MPhil/MSc by Research	74		
Structural Biology PhD/MPhil	62		
Structural Engineering MSc	65		
Sustainable Industrial Systems PhD/MPhil/MSc by Research	63		

# CITY MAP



**T**

he city centre comprises several districts, each with their own distinct history and unique atmosphere.



## Market Street, the Cathedral Quarter and Manchester Arndale

At the indoor Arndale mall you can shop at more than 200 shops and department stores. Stepping outside, you'll be met by everything from premium department stores such as Harvey Nichols and Selfridges to high-street favourites.



## Piccadilly

A great place to start your explorations of the city. You'll find the main train, bus and tram stations here, as well as the Visitor Information Centre.



## Chinatown

Manchester's Chinatown is an ever popular destination with countless restaurants, Asian supermarkets, events and festivals all year round.



## Spinningfields

The business district of the city is home to some of the biggest names in finance and professional services, including Barclays, Deloitte and Grant Thornton International. But it's not all about work. You'll also find cocktail bars, restaurants and designer shops here.



## The Northern Quarter

Vintage fashion boutiques, cafes, fashionable bars, music venues and the indoor markets at Afflecks make this the independent heart of Manchester.



## Albert Square

The impressive 19th-century Town Hall building dominates this square, where many of Manchester's biggest festivals take place, including the Manchester International Festival and the Christmas markets.



## Castlefield

An inner-city conservation area where you'll find a Roman fort, brick warehouses, cobbled streets and the world's oldest industrial canal.



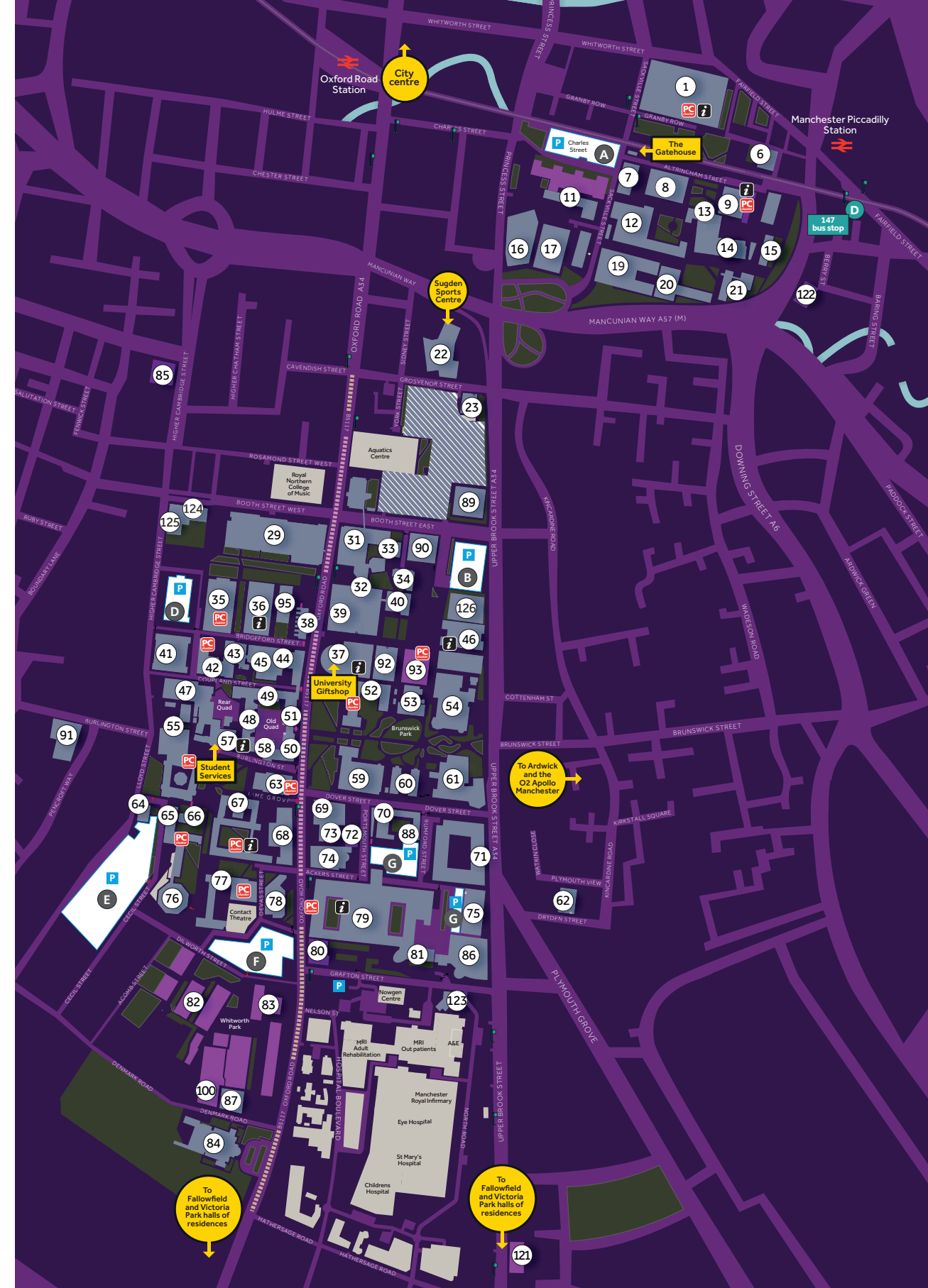
## Ancoats

A former industrial suburb, Ancoats is one of Manchester's most up-and-coming areas, with bars, restaurants and cafes appearing at an incredible rate.



# CAMPUS MAP

- |  |   |  |
|--|---|--|
| 1 Sackville Street Building                                      | 39 Kilburn Building                         | 73 Avila House RC Chaplaincy   |
| 6 Echoes Day Nursery   | 40 Information Technology Building          | 74 Holy Name Church  |
| 7 James Lighthill Building (formerly Paper Science)              | 41 Dental Hospital                          | 75 AV Hill Building  |
| 8 Renold Building  | 42 Martin Harris Centre for Music and Drama | 76 AQA   |
| 9 Barnes Wallis Building / Student Hub / Wright Robinson Hall    | 43 Coupland Building 1                      | 77 Ellen Wilkinson Building  |
| 11 The Manchester Conference Centre / Weston Hall                | 44 Manchester Museum                        | 78 The Academy   |
| 12 Pariser Building  | 45 Rutherford Building                      | 79 Stopford Building   |
| 13 Manchester Meeting Place                                      | 46 Alan Turing Building                     | 80 Horniman House  |
| 14 The Mill  | 47 Coupland 3                               | 81 The Manchester Incubator Building   |
| 15 Morton Laboratory   | 48 John Owens Building                      | 82 Whitworth Park  |
| 16 Manchester Institute of Biotechnology (John Garside Building) | 49 Beyer Building                           | 83 Grove House   |
| 17 George Begg Building  | 50 Whitworth Hall                           | 84 The Whitworth   |
| 19 Masdar Building / Graphene Engineering Innovation Centre      | 51 Whitworth Building                       | 85 Opal Hall   |
| 20 Ferranti Building   | 52 Williamson Building                      | 86 Core Technology Facility  |
| 21 MSS Tower   | 53 Roscoe Building                          | 87 Denmark Building  |
| 22 Sugden Sports Centre  | 54 Schuster Building                        | 88 Carys Bannister Building  |
| 23 Oddfellows Hall   | 55 Main Library                             | 89 James Chadwick Building   |
| 29 Alliance Manchester Business School                           | 57 Student Services Centre                  | 90 National Graphene Institute   |
| 31 Crawford House  | 58 Christie Building                        | 91 McDougall Centre  |
| 32 St Peter's House / Chaplaincy                                 | 59 Simon Building                           | 92 Jean McFarlane Building   |
| 33 Crawford House Lecture Theatres                               | 60 Zochonis Building                        | 93 George Kenyon Building and Hall of Residence  |
| 34 Prospect House  | 61 Chemistry Building                       | 95 JR Moore Building   |
| 35 Humanities Bridgeford Street                                  | 62 Dryden Street Nursery                    | 100 Denmark Road Hall  |
| 36 Arthur Lewis Building   | 63 Alan Gilbert Learning Commons            | 121 Victoria Hall  |
| 37 University Place  | 64 Environmental Services Unit              | 122 Liberty Point Hall   |
| 38 Waterloo Place  | 65 Mansfield Cooper Building                | 123 National Institute for Health Research / Wellcome Trust Clinical Research Facility |
|  | 66 Stephen Joseph Studio                    | 124 Crown Plaza Oxford Road  |
|  | 67 Samuel Alexander Building                | 125 Alliance Manchester Business School Executive Education Centre                     |
|  | 68 Students' Union Oxford Road              | 126 Henry Royce Institute  |
|  | 69 William Kay House                        |  |
|  | 70 Dover Street Building                    |  |
|  | 71 Michael Smith Building                   |  |



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