

The background of the top half of the page is a photograph of the University of Manchester. On the left, there is a historic building with a red-tiled roof and a prominent white spire. On the right, there is a modern building with a dark glass facade and a grey, textured upper section. The sky is clear and blue.

MANCHESTER
1824

The University of Manchester

MANCHESTER

POSTGRADUATE
PROSPECTUS 2017 ENTRY

As well as

reading this prospectus...



www.manchester.ac.uk



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



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



manchesterstudentblogs.wordpress.com

We offer taught master's courses and research programmes in more subjects than any other UK university.

For each subject we provide contact details so you can find the most up-to-date information – see p64.

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





Come and visit us

Come to one of our open days, join a guided tour of campus, or simply take a look around in your own time, to see if Manchester is the place for you.

Take an independent look around our campus

Start at our Visitors Centre on Oxford Road (building 37 on campus map, p138), where you can pick up a map and get information. Open Monday to Friday, 9am to 5pm.



www.manchester.ac.uk/visitorscentre

Join a guided tour

Book a place on one of our guided tours throughout the year – meet current students and discover the highlights of our campus first-hand.



www.manchester.ac.uk/guidedvisits

Attend a postgraduate open day

Open days are a fantastic way to get a sense of what it feels like to study at Manchester, and give you an opportunity to ask questions.



www.manchester.ac.uk/opendays

Meet us at an overseas event

If you live abroad and are unable to visit Manchester, we attend various events worldwide throughout the year.



www.manchester.ac.uk/overseasevents



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Welcome to The University of Manchester



Study at Manchester and you'll enjoy an amazing university experience that's rooted in a rich heritage, yet firmly focused on your future. We'll give you the chance to make a difference, both during your studies and in your career.

Part of the prestigious Russell Group of universities, we enjoy an international reputation for our pioneering research and innovation. And we're a truly international institution, with more than 6,000 postgraduates coming to Manchester from other countries.

We're investing more than £1.75 billion into our buildings and facilities, in one of the biggest investment programmes ever seen in UK higher education.

We also have more Nobel laureates on our staff than any other UK university, and count 25 Nobel Prize winners among our current and former staff and students.

We make an impact

At Manchester, we turn enthusiasm into achievement and ground-breaking theory into cutting-edge practice. We're at the forefront of the search for solutions to some of the world's most pressing problems: from tackling cancer, to cutting carbon emissions.

We work closely with organisations ranging from government bodies to global businesses, from local health services to registered charities. From these links spring unique opportunities: we're able to deliver courses informed by the latest expertise, and research programmes that have greater, more immediate effects.

We've been accomplishing feats of global significance for more than 180 years, from inventing the modern computer, to giving the world graphene – the wonder-material that is one atom thick, but 200 times stronger than steel.

And, through our teaching, research, public events and other activities, we actively contribute to the social and economic well-being of local and global communities.

We give you excellent prospects

Our graduates are consistently among the most targeted in the UK by leading recruiters. Our problem-based approach to learning will inspire you to think critically and creatively, cultivating your independence and making you more attractive to employers.

You'll also find an unparalleled range of options outside your studies for broadening your experience, including volunteering opportunities, outstanding sports facilities, skills development and mentoring.

Whether you're a committed researcher wanting to further the quest for knowledge, a career-focused professional seeking a specialist qualification, or an enquiring mind with a burning enthusiasm for learning and understanding, a postgraduate degree from Manchester will help you to realise your ambitions.

We want you to succeed

Join our postgraduate community – and start making your impact on the world.



www.manchester.ac.uk/postgraduate



Taking control of your future

From the solid foundations of a Manchester postgraduate degree, you'll build an impressive range of skills that demonstrate your critical thinking, creativity and initiative – and you'll be ready to take on the next stage of your career.

But Manchester offers you even more than a valued qualification. Extensive support services, professional networks and a host of extracurricular activities can help you to develop in other ways and boost your employability still further.

At Manchester we'll equip you to identify and make the most of the opportunities on offer, setting you on the path to success.

Careers advice

Our award-winning Careers Service understands the unique needs of postgraduates and offers you bespoke support. With specialist expertise in the postgraduate jobs market, our consultants are ready to answer your questions via face-to-face support, while our careers website and social media channels keep you up-to-date with everything we have on offer:



www.manchester.ac.uk/careers/postgraduates



manunicareersblog.com/category/postgraduate



@ManPGCareers

Inspiration and support

At Manchester, you'll have access to an extensive support network comprising employers, academics and alumni across all sectors.

Our Manchester Gold mentoring programme offers you a superb opportunity to connect directly with someone who's already doing what you want to do. You could discover first-hand what it's like to work in a particular profession or take the next step in research.

Access to employers

The reputation and standard of our graduates attracts major employers from all over the world. More than 600 recruiters visit our campus each year and, in 2016, University of Manchester students were the most targeted by employers.

Close relationships with industry partners means they're happy to support our students throughout their studies, and beyond – our access to industry placements and internships reflects this. The Manchester Graduate Programme offers our graduates a unique insight into the working world, with paid opportunities available from employers across the north-west, including our own University.

Research pathways

We encourage you to do more with your research at Manchester. You'll have unrivalled access to a vast number of talented academics and research students here, who you can collaborate with and learn from. We want you to be able to publish in internationally acclaimed titles – and our academics provide opportunities and support to make this happen.

Should you dream of turning your research and innovation into enterprise, you'll find expert support through our intellectual property organisation UMIP, Alliance Manchester Business School, and our Venture Further competition, where you can compete for £10,000 towards the launch of a start-up company.

We can also actively help you to develop a successful research career and secure that all-important first post-doc position. Alongside our core Careers Service, you'll find a wealth of information and advice specifically for researchers on our award-winning website, and through our Researcher Development Programme at Faculty level. And our annual Pathways careers event for PhD students and research staff can help you to make career choices, explore future plans and discover the breadth of opportunities available to you.



www.manchester.ac.uk/careers/academiccareer



www.manchester.ac.uk/careers/postgraduates/pathways

The rest is up to you

Your time at Manchester will teach you to be independent and determined. As a graduate, you'll be ready to use your initiative and make the most of opportunities to take control of your future.

We also encourage you to immerse yourself in the many volunteering and community engagement opportunities we offer, making an important difference to the lives of others, while developing invaluable skills and broadening your experience to maximise your potential for success.



www.manchester.ac.uk/volunteers

Global challenges...

Our pioneering discoveries, interdisciplinary collaborations and cross-sector partnerships are tackling some of the biggest questions facing the planet, bringing innovations from the lab to the lives of real people.



Industrial biotechnology

We're at the forefront of a bio-industrial revolution which uses biological resources such as plants, algae, fungi, marine life and micro-organisms to change how we manufacture chemicals and materials for industrial and health care needs. Our Manchester Institute of Biotechnology is one of Europe's leading industry-interfaced institutes, with world-leading capabilities in chemicals synthesis and manufacture.

Advanced materials

We lead the world in developing new and existing materials for extreme environments, and in analysing materials to help us fully understand their properties and potential. We're also home to graphene, the revolutionary one-atom-thick material. More than 200 Manchester researchers are constantly finding new ways to improve and transform current products by harnessing the remarkable qualities of advanced materials.



...Manchester solutions



Energy

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

Cancer

Strong links with NHS organisations, cancer charities and local community support are helping us to loosen cancer's grip and improve the lives of those it affects. Our medical research ranges from analysing the molecular and cellular basis of cancer, to developing and testing new drugs and other therapeutic approaches. Through nursing, psychology and policy work, we're also furthering solutions to the disease's physical, emotional and economic impact.

Addressing global inequalities

We seek to understand all aspects of inequality – from poverty to social justice, from disparities in health care to equality in the workplace – so we can bring about a fairer world. Our research directly influences policies that bring about positive changes for people affected by inequality. IGOs and NGOs, national governments, multinational corporations and global charities partner with us to do things differently.

Research pedigree

We're recognised globally for the quality and volume of our pioneering research. The breadth of our research activity surpasses that of any other UK university, and in 2014/15 we attracted £345.5 million in external research funding.

In the Research Excellence Framework (REF 2014), an impressive 83% of our research activity was rated as "world leading" or "internationally excellent", and we were ranked fifth in terms of research power*.

A proactive, collaborative environment

At Manchester, we're committed to breaking down barriers and introducing fresh, interdisciplinary ways of working that open up exciting new areas of study and discovery.

We have three University Faculties: Science and Engineering; Humanities; and Biology, Medicine and Health Sciences. As well as the research activity that takes place in these, we coordinate interdisciplinary research in specialist institutes and in cross-University networks.

We also work with other universities on a range of initiatives. We're part of the N8 Research Partnership, with seven other northern universities, working together in areas ranging from nanotechnology to the impact of the arts and humanities.

Examples of our collaborations with other institutions include:

- the **Northern Aerospace Technology Exploitation Centre (NATEC)**, which helps to maintain and enhance the competitiveness of the UK aerospace industry;
- **CHEM21**, Europe's largest public-private partnership dedicated to the development of manufacturing sustainable pharmaceuticals;
- **FLITES**, a £2.7 million research project to create a key component in reducing jet engine emissions.

What our credentials mean for you

Whether studying for a taught master's or a research degree, you'll be directly involved with cutting-edge research.



You'll benefit greatly from our continuous investment in the best research facilities and a dynamic research culture that encourages innovative, interdisciplinary collaboration.

Our programmes are led by distinguished research and teaching staff working at the forefront of their disciplines, ensuring that your qualification comes with a reputation that will open doors across the world.

Close industrial partnerships with organisations from many sectors inform our postgraduate programmes, providing exceptional opportunities for research with commercial applications, as well as the chance to develop business and entrepreneurial skills and experience relevant to your future career.

** calculated by grade point average times number of staff submitted, or by 4*/3* times number of staff submitted.*



£345.5m

in external
research funding



83%

of research activity
rated as 'world-leading' or
'internationally excellent'



Leading from the front

Professor Dame Nancy Rothwell

President and Vice-Chancellor of The University of Manchester



As well as being President and Vice-Chancellor of the University, Professor Dame Nancy is a distinguished life scientist with a specialism in neuroscience.



Born and educated in Lancashire, Nancy joined The University of Manchester in 1987. She studied and worked in London for a while, before returning to the north-west of England. She holds various senior positions, including Co-Chair of the Council for Science and Technology.

On the Manchester experience

"From my experience, some other major cities are not particularly friendly – at least, not like Manchester. There's a 'go and do' attitude at the University, but there's also a strong sense that values matter.

"My career might have gone quite differently if I'd not been at Manchester. There's a good ethos of interdisciplinary collaboration and support. The research undertaken here is having a real-world impact beyond the University."

On learning opportunities

"The University has excellent life sciences teaching, research and facilities. It's certainly in the top five in the UK. It's all integrated, with fabulous new buildings and fantastic equipment and resources. From a researcher's perspective, it's ideal, as you can easily

work across disciplines with experts in so many different areas."

On working together

"People think of science as being quite lonely, but that's certainly not been my experience at Manchester. In fact, it's very sociable, because you normally work in teams. Our postgraduates can both carve out their own niche and benefit from a supportive network of colleagues."

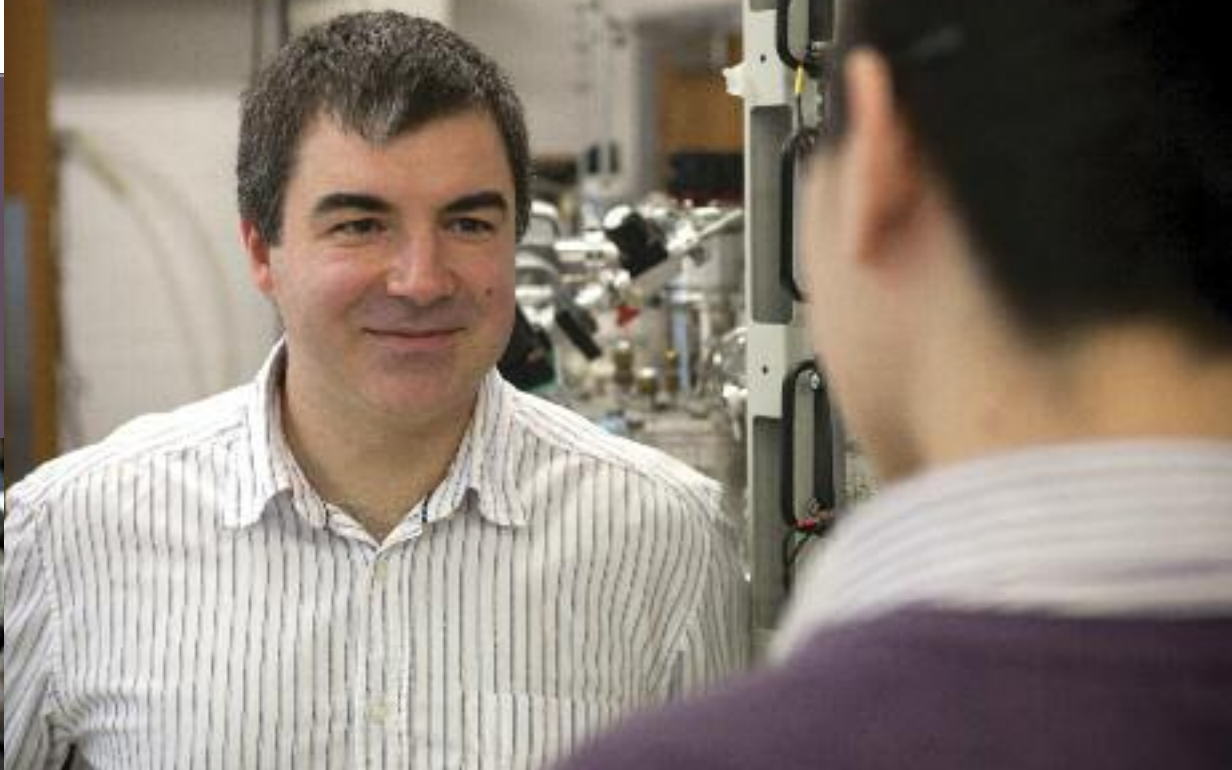
A Nobel Prize winner

Professor Sir Kostya Novoselov

Professor of Condensed Matter Physics



Kostya works in our School of Physics and Astronomy. He was awarded the Nobel Prize in Physics in 2010 and a knighthood in 2012 in recognition of his work with Manchester colleague Professor Sir Andre Geim on the revolutionary material graphene.



On winning a Nobel Prize

"The work that got us the Nobel Prize started in Manchester. It was originally a side experiment from our mainstream work – we always have a few side experiments going, small things, sometimes crazy things.

"I think this is within the culture of the British system. You are allowed to do those crazy experiments, which allow you to be creative."

On quality at Manchester

"The main reason you should come here is the quality. You just have to look at my colleagues, or the league tables. The fact that it's a huge place is an additional benefit."

On working with the best

"You always have experts in any field you need. If you want to study a master's or PhD, you have a great choice of people to learn with here.

Postgraduate courses are also often run using the same equipment as we use for our scientific experiments, which is world class."

On the importance of discussion

"Manchester is a big department with lots of people you can talk with, who all do different things. That's usually how a physicist works best: you think, discuss – and discussions bring fruit."

Inspirational academics

Sabrina Scott

MRes student
in Criminology

Sabrina was inspired to come to Manchester after reading papers by some of our world-renowned academics and taking the initiative to get in touch with them. After taking a year out from her PhD in the US to study for our MRes in Criminology, Sabrina is thinking of staying to continue her research in Manchester.



On choosing Manchester

"When I was studying in the US, a lot of the academics I came across were from Manchester. I contacted them to get extra information and found out that Manchester offered a one-year MRes in Criminology. I looked into it, and now I'm here!

On studying here

"Because Criminology at Manchester is taught in the School of Law, we learn a lot of legal theory, which has made me really think about what laws are, how policies are made and the structure of government.

"Learning about the legal side of things has been really useful as an international student – it's helped me grasp how things work over here, as the legal system is very different in the US.

On next steps

"I'm part way through a PhD in the US, which I had planned to go back and finish, but now I'm enjoying my time here so much, I'm unsure if I'm going to return to the US or stay here in Manchester to complete my research. I've had great support from the University while I've been considering whether or not to stay. It's a really big decision, so I've appreciated that.

On the best thing about Manchester

"Manchester is great because of how close other European countries are. Being able to just use my bus pass, get to the airport and fly to other places in an hour or two is fantastic.

"Manchester itself is such a diverse city, so there are also good international food choices, which is definitely a bonus!"

Multicultural Manchester

Khalis Noori

MSc student in International Development

After choosing Manchester for its academic quality, Khalis fell in love with its people. Multicultural diversity, friendly societies and personalised support all combined to give him an unforgettable learning experience that has set him up “perfectly” for his future.



www.manchester.ac.uk/khalis

On choosing Manchester

“I chose Manchester not only because of the city itself, which is amazing, but also the teaching and the ranking of the University. The University in my field ranks third in the world after Oxford and Cambridge.”

On multiculturalism

“When I got to Manchester I found all the world in one place. On my course we had people from Turkey to Egypt, from Kenya to Nigeria, from USA to Canada, from Pakistan to Afghanistan.

“It was easy to connect with each other, not only to be friends, but also to learn from each other. I got to know a lot about different countries and their people and their personal experiences.”

On societies

“As a postgrad student I thought I might be isolated, studying all the time. That didn’t happen. I joined the Persian Society, where we held cultural events and invited students and people from outside the University. I joined a public speaking society, which really improved my skills in that area.

“I learned how to function more effectively doing different things at the same time. Multitasking is a great skill that I have now.”

On support

“If I compare the level of support I received at Manchester to my undergrad degree [in London], here it is absolutely the best. The librarians; my School administrators; the professors, teachers, lecturers – they all had a big impact on my studies and on my success.

“My supervisor was very special. Without his support it would have made my time a lot harder, I would maybe have given up. He was brilliant, and we are still in touch.”

On the future

“I’m working now with the British Council. I am still in contact with one of the University careers advisors, who sees my CV regularly and updates me about opportunities that I can apply for. I want to work for the United Nations, or the World Bank.

“At Manchester I learned everything that I wanted to and equipped myself perfectly. I am ready for the next adventure in life.”

The international university



We're proud to welcome more international students than any other UK university, adding to the melting pot of communities that exists in the vibrant, dynamic, multicultural city of Manchester.



More than
300,000
alumni

Ranked
41st
in the world

Manchester is more than a university – we're your doorway to the world. With a unique size, breadth and diversity, we offer exciting opportunities for you to connect and grow. You'll get to know people and cultures from all over the world, and you'll leave with broader horizons and international employability.

Our strikingly cosmopolitan population and strong global connections mean we're a truly international destination. We're ranked 41st in the world in the 2015 Shanghai Jiao Tong University Academic Ranking of World Universities, and we're connected with more than 300,000 alumni from organisations and countries across the globe – the largest alumni community of any campus-based university in the UK.

Supporting international students

We recognise that studying in a different country brings with it unique challenges. That's why we offer a range of dedicated services for our international students:

- pre-departure webinars and face-to-face briefings in a number of countries;
- professional, confidential advice on a range of issues, including immigration and visas;
- a guaranteed place in University accommodation (if you meet certain criteria);
- a comprehensive Orientation and Welcome programme to help you settle in and make friends when you arrive in Manchester;

- our free shuttle service for new students arriving at Manchester Airport;
- the supportive and social network of our International Society, plus 77 student societies dedicated to people and interests from diverse nations;
- specialised careers support for international students, including international careers fairs and work experience;
- English language support for international students via our University Language Centre.



www.manchester.ac.uk/international

History and heritage

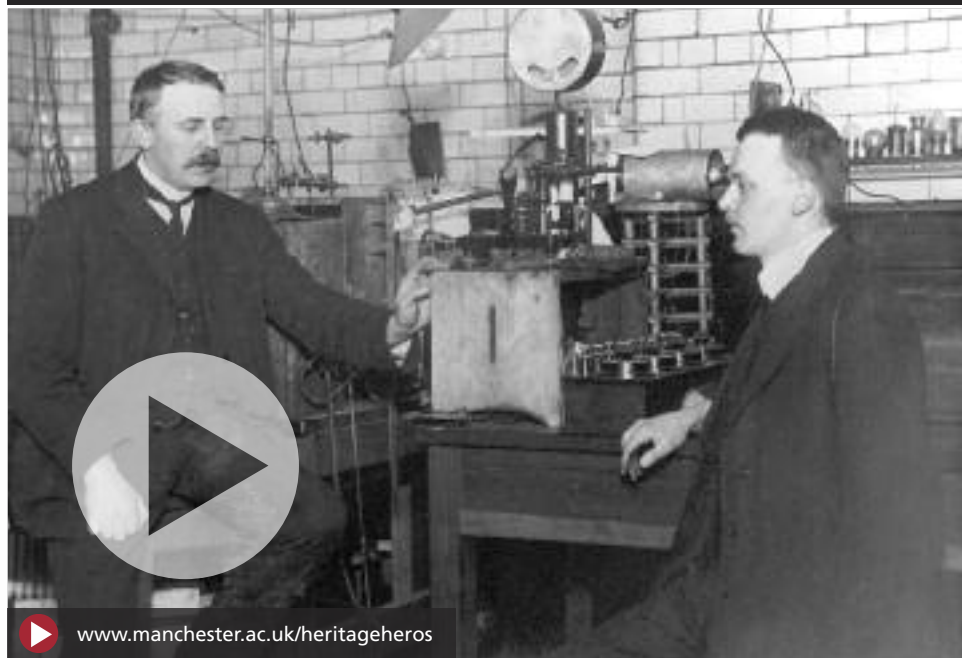
Our story is one
of world firsts
and brilliant
discoveries.

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



25 Nobel Prize winners have
worked or studied here.

Manchester is the birthplace
of nuclear physics, where
Ernest Rutherford's work led
to the splitting of the atom.



www.manchester.ac.uk/heritageheros



Our observatory at Jodrell Bank is home to the iconic **Lovell Telescope**: the biggest telescope of its type in the world when it opened in 1957. Jodrell Bank is now also the central control hub for the world's largest radio telescope – the Square Kilometre Array.



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



Christabel Pankhurst graduated in law from Manchester in 1906, but was unable to enter the profession because she was a woman. She became one of the suffragette movement's most committed campaigners.

What our heritage means for **you**

With a Manchester degree, you'll become part of our distinguished community, whose collective achievements as academics, business leaders, social reformers, entrepreneurs, politicians, creative artists and policymakers have helped shape the modern world. Be enriched; be inspired.

Our campus

The University of Manchester is large, yet compact enough to give you the best of both worlds: city life and a campus community. Being close to the city centre and all its amenities allows students, staff, businesses and the wider public to connect and collaborate. On campus, everything is within walking distance or linked via a free bus service. Think of us as a village within a city.





4m+
printed books and
manuscripts

Over
5,000
ebooks



Libraries

The University of Manchester Library is one of the UK's best-resourced academic libraries and one of only five National Research Libraries in the country. As a postgraduate student, you can get specialist advice on impact analysis, research data management, open access publishing, literature reviews and more from a dedicated team. The Library also runs My Learning Essentials, an award-winning skills programme to support your studies, and My Research Essentials, a training programme specifically developed to support researchers at all stages of their career.

You'll also find subject-specific and tailored services at specialist libraries across campus, and one of the world's finest collections of rare books and manuscripts in our John Rylands Library.

- More than 4 million printed books and manuscripts
- More than 5,000 ebooks
- More than 36,000 electronic journals
- Access to hundreds of online databases

 www.manchester.ac.uk/library



More than
36,000
electronic journals



Alan Gilbert Learning Commons

Made for students, in consultation with students, this ultra-modern building is the UK's first digital library. It houses the latest IT facilities, flexible learning spaces for group study and independent learning, and a host of student-centred services. The building is designed to the highest standards of sustainability, including automatic lighting that adjusts to the level of natural light and occupancy.

- Open 24/7 during term time
- £24 million investment in facilities
- Space for more than 1,000 students
- Multiple flexible pods and spaces, including 30 bookable group study rooms

IT services

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

We offer additional services for postgraduate researchers – see page 53.



www.manchester.ac.uk/itservices



£24m
investment
in facilities



16th
in the British
University and
Colleges Sport league



40+
hours of free
sport in halls and
on campus



access to
80
health and
fitness classes

Sport

Playing sport and being active is a big part of Manchester student life, and can really add to your university experience. You could form lasting friendships, develop skills valued by employers and take a break from studying, all while staying fit and healthy. You'll find activities suitable for all abilities and fitness levels: from non-competitive health, fitness and well-being classes, to regular sport sessions and competitions for all levels.

You could join our Sports Volunteering Scheme, becoming part of our workforce and gaining valuable experience, coaching qualifications, personal skills development and new friends.

And, if you're a high-level sports performer wishing to excel in both your chosen sport and your academic life, our Sport Scholarships include a financial award and access to support services such as physiotherapy and strength and conditioning.

 www.manchester.ac.uk/sport/scholar

- Competitive-level sport via 42 Athletic Union teams and five campus leagues
- Free weekly participation-level sport in halls and on campus
- Numerous and diverse fitness and well-being classes and activities
- The most extensive range of all-weather outdoor sports facilities of any UK university, plus two 50-metre pools and many other excellent indoor facilities

 www.manchester.ac.uk/sport

 @SportManchester

 /sport.manchester

Students' Union

At the heart of campus, this democratic, student-led space is the largest of its kind in the UK. It's where you can get free and confidential advice on all manner of academic, financial, housing and well-being issues, join one of our hundreds of student societies, campaign for the causes you care about, and even stand for election.

You'll find a range of events tailored for postgraduate students throughout the year, while dedicated postgraduate student representatives in each Faculty ensure that your voice is heard.

It's also a great place to grab a bite to eat, catch up with friends, or see your favourite band in our iconic Manchester Academy venues.

The Students' Union is here to help you get the most from your time in Manchester, so come in and get involved.



manchesterstudentsunion.com



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

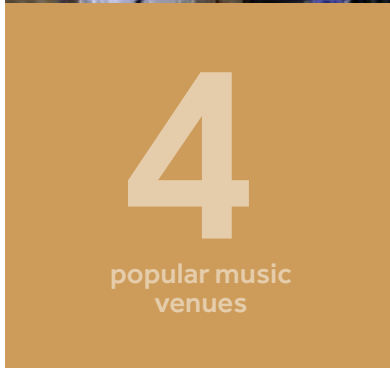


[/manchestersu](https://www.facebook.com/manchestersu)

- Large postgraduate community
- More than 480 student societies
- 465 postgraduate student representatives
- Four iconic gig venues
- Cafe, shop and Union bar



480+
student societies



465
postgraduate
representatives





Culture on campus

Be inspired as well as educated, with visitor attractions open to students and the public.

- Manchester Museum: brings ancient worlds to life and hosts a rotating programme of exhibitions
- The Whitworth: one of the city's premier art spaces, located in nearby Whitworth Park
- The Martin Harris Centre for Music and Drama: a performance space for music, drama and other arts
- The John Rylands Library: home to The University of Manchester Library's Special Collections and the John Rylands Research Institute, as well as a varied exhibition programme
- Jodrell Bank Discovery Centre: fun, engaging exhibitions and activities on astronomy and astrophysics, based at the Cheshire site of the iconic Lovell Telescope



www.manchester.ac.uk/attractions

A sustainable campus

We take environmental sustainability seriously at Manchester, with several award-winning initiatives. You'll find a wide range of resources and initiatives that empower staff and students to take action on environmental sustainability, both collectively and as individuals. We provide excellent facilities and support for cyclists, subsidise hybrid electric campus buses and support local suppliers.



www.manchester.ac.uk/sustainability

- Energy-efficient new buildings
- Cross-campus recycling facilities
- Green spaces to enhance local biodiversity
- Fairtrade and local produce in cafes and shops
- Volunteering opportunities to grow edible produce across Manchester





Archaeology across the ages

David Jennings

MA student
in Archaeology

Born and bred in Greater Manchester, David took the decision to come to university later in life, as a mature student. Having completed his undergraduate degree here, he's now studying for a master's in Archaeology and is thinking of staying on to do a PhD once he graduates.



On choosing Manchester

"I decided to stay in Manchester for many reasons – there's a well-respected Archaeology department here and, being from an area that's under-represented in higher education, I was lucky enough to be awarded a HEFCE scholarship to fund my studies. Another key factor was that I live close by with my family, so it just made sense to stay. I've lived in Manchester for 49 years and know the city really well. I've no plans to move – I'm staying put!"

On networking

"With Archaeology being such a social subject, it's great for career prospects, because you often meet people out on digs who work for commercial companies and other universities. This means you can easily build a network of

contacts and if you introduce yourself and stay in touch, you can create a lot of opportunities to work in the field."

On fieldwork

"Fieldwork takes the theory you've learnt in the classroom and puts it into a real-world context – it gives your studies a grounding.

"Because of the status of the research that goes on at Manchester, I've been on digs at some very significant sites across the UK, which have been featured on TV programmes like *Time Team* and *Digging the Past*.

"Having the opportunity to do research on sites that are of real historical importance is exciting – not all universities have access to such key sites."

On being a mature student

"It was a big decision to start university later in life. But everyone is so welcoming at Manchester that being older than some of my peers hasn't stopped me from socialising and making friends.

"Archaeology is a small and friendly subject, and you have plenty of opportunities to get to know other students as well as world-renowned researchers. The field trips have a strong social element, which means they're great fun, whatever your age or stage in life.

"The one thing I've found challenging as a mature student is being at university at the same time as your kids – that's a bit odd!"

Skills for the real world

Rhys Archer

PhD student
in Materials

Following an undergraduate degree and an 18-month stint as a member of staff at Manchester, Rhys signed up for her PhD – and was surprised to discover what she was capable of.



www.manchester.ac.uk/rhys

On support

"We had lots of Welcome events, introducing: staff, the School and campus; sport and well-being; opportunities for blogging, charity work, industry work, summer schools.

"Training continues right through, on academic writing, critical reading, referencing... An online training programme includes a skills check and progress review every three months. It's reassuring to see that you're on the right track – and improving."

On wellbeing

"A PhD can overtake you, because you're so invested in it; you can focus all your energy on just doing research. It's important to keep up with your extra-curricular activities –

and there's lots at Manchester. I go climbing and go to the gym. I also teach in undergraduate labs and do outreach work. It gives me a really good work-life balance."

On community work

"The University is right in the middle of lots of different communities, and there are so many programmes to connect students with those communities. I think that's something really unique and special that Manchester offers.

"Doing charity work, and doing outreach – talking to primary school children about science, about research – has given me different skills, and made me part of the local community."

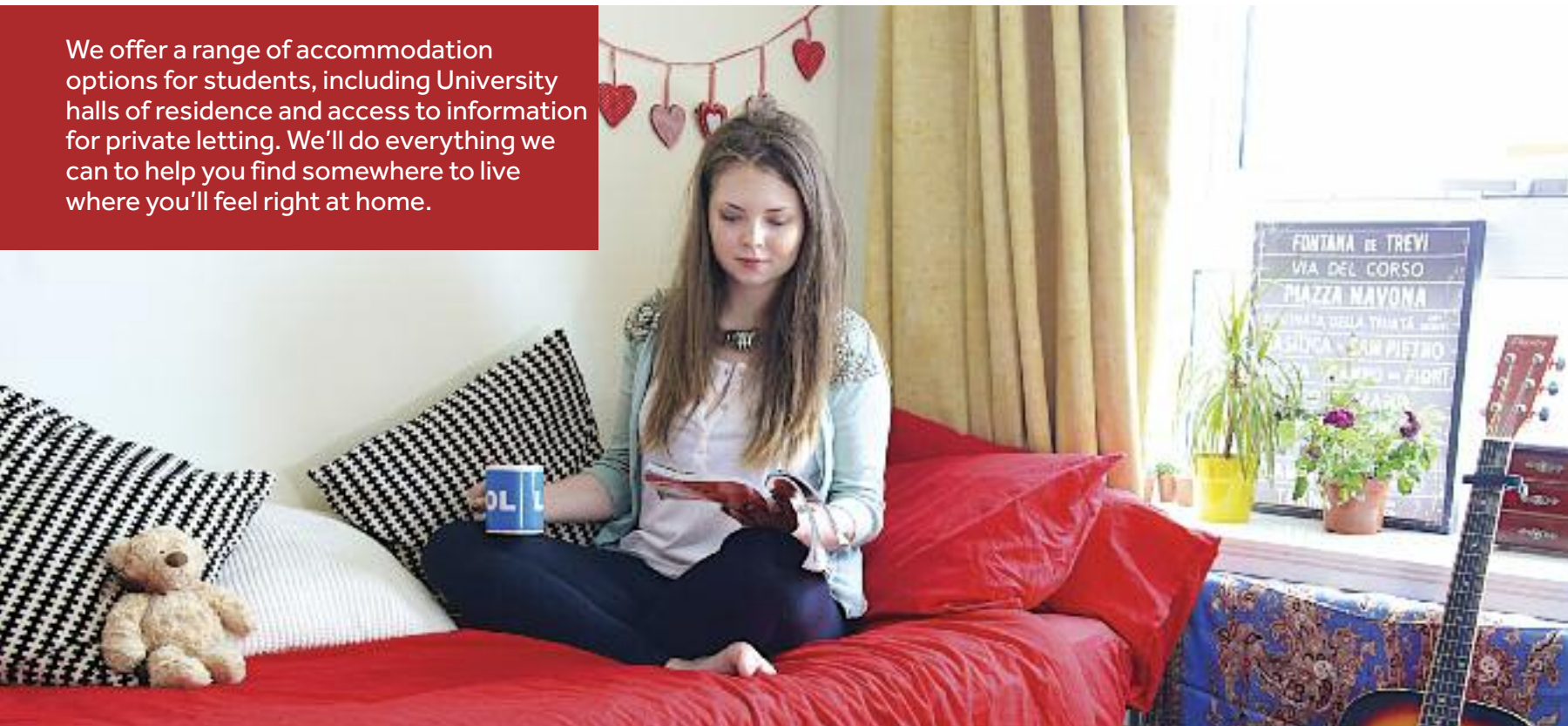
On the postgraduate experience

"There's something very personal about a PhD – you're being judged on you and your ability to research. There are days when everything goes wrong, and it takes a lot to pick yourself up again.

"I definitely didn't think I had that kind of resilience and commitment. I'm more persistent than I thought."

Accommodation

We offer a range of accommodation options for students, including University halls of residence and access to information for private letting. We'll do everything we can to help you find somewhere to live where you'll feel right at home.





University accommodation

We manage approximately 8,200 student rooms, almost all of which are based within two miles (three kilometres) of our main campus. We reserve some residences exclusively for postgraduates; in others we house undergraduate and postgraduate students together. Here, you'll find accommodation to suit all tastes, from modern flats to traditional halls of residence.

Your options include:

- postgraduate-only accommodation;
- single or mixed-gender accommodation;
- catered or self-catering facilities;
- en-suite or shared facilities;
- specially adapted rooms for students with disabilities;
- a limited supply of accommodation for families and couples.

Costs

In 2016/17, representative costs for University accommodation range from:

- £107 a week for a single self-catering room with shared facilities;
- £130 to £135 a week for a single self-catering room with en-suite facilities;
- £116 to £124 a week for a single room with shared facilities in a catered hall.

Accommodation guarantee for international students

If you are 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

Manchester has plenty of private accommodation for rent. Contact Manchester Student Homes for information about available properties and general housing advice. Owned jointly by the Manchester universities, this is the city's only housing bureau that advertises University-approved accommodation.

Living off-campus

You may decide to live at home while you study at Manchester – but you can still get involved with student life.

You can get involved in plenty of University and Students' Union activities and societies, making friends outside of your degree programme and ensuring you benefit from everything that Manchester has to offer.



www.manchester.ac.uk/living-at-home

Find out more

Accommodation Office

t: +44 (0)161 275 2888

e: accommodation@manchester.ac.uk



www.manchester.ac.uk/accommodation

Manchester Student Homes

t: +44 (0)161 275 7680

e: manchesterstudenthomes@manchester.ac.uk



www.manchesterstudenthomes.com

Support

Should any issues arise during your studies – personal, academic, financial or administrative – we have a wide range of support services and teams to help you.

Advice services

At Manchester, you'll always find a sympathetic ear if you're worried about any issues relating to your studies, money, health or well-being. Your academic School will be your first point of contact, but if you'd prefer to talk to somebody outside your School, our Student Support and Advice Team and our Students' Union each offer confidential appointments with professional advisers throughout the year. They can help you work through problems, navigate processes and access specialist services, including those offered by our counselling service.

Childcare support

Studying while caring for dependants can be a challenge. That's why we offer two nurseries near campus for young children (aged between six months and five years) – be sure to get in touch early to join the waiting list. The Students' Union runs a parents and carers network, and we also offer advice and support dedicated to your specific needs as a parent or carer.

Disability support

If you have additional needs arising from a medical condition, physical or sensory disability, specific learning disability such as dyslexia, or a mental health difficulty that affects your study, we can provide support. See our website, or contact our Disability Advisory and Support Service (DASS) for details.



www.manchester.ac.uk/dass





Student Immigration Team

Our dedicated Student Immigration Team can offer you assistance with any issues you may have while at Manchester, including advice relating to visas and immigration and working in the UK. You can email the team at: visa@manchester.ac.uk

Personal safety

Our security services, systems and practical safety advice ensure that our campus and University accommodation are areas of low crime. You'll benefit from CCTV and 24/7 security services, as well as practical safety advice and support from University staff and Greater Manchester Police, with whom we maintain an excellent relationship.

Religious support

If you want to find out about local religious organisations, explore issues of faith, or discuss an issue with a member of your faith community, we can help. We have chaplaincy centres on campus for the Roman Catholic, Jewish, Anglican, Baptist, Methodist and United Reformed Church religions and prayer facilities on campus for Muslim students. We have strong links to chaplaincies for other faiths, and student societies for most major religions in our Students' Union.

Find out more



www.manchester.ac.uk/student-support

Our commitment to equality and diversity

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

Find out about more about our values, practices, policies and support surrounding equality and diversity:



www.manchester.ac.uk/equalityanddiversity

Manchester





Our city

Manchester is the birthplace of the Industrial Revolution, and its strong, pioneering character endures. Today, Manchester is a powerhouse of culture, sport and commerce.





With events, facilities and attractions to suit every lifestyle, Manchester is lively, culturally diverse and easy to enjoy on a student budget. Never content to live on past glories, this is a city that looks to the future with a passion for progress – and invites you to share in its vision and vitality. It's easy to see why Manchester is the UK's most popular student city.

Art and culture

Manchester enjoys a thriving cultural scene. Annual festivals celebrate everything from contemporary literature to gay rights. An impressive range of museums and galleries includes Manchester Art Gallery, the Museum of Science and Industry, the Imperial War Museum North, the Peoples' History Museum and the National Football Museum.

At the University, you can also explore ancient worlds at our Manchester Museum or discover our gallery in the park, the Whitworth, which has recently undergone a £15 million transformation and is racking up the awards.

Music and theatre

Manchester embraces all aspects of music and drama; here, independent creative spirits emerge and international names light up the billboards.

See some of the world's biggest bands and DJs perform in popular arenas, or discover new acts at more intimate venues. Enjoy classical performances by world-famous orchestras, or hear new musical prodigies perform in innovative, evocative style. From rousing opera arias to West End musicals, world premieres to experimental theatre, Manchester welcomes all forms of performance, old and new.

Sport

Coming first is second nature in Manchester. It's long been synonymous with football, thanks to Manchester United and Manchester City – but there is much more to discover here.

Watch the cream of European rugby, or try out Britain's first indoor Olympic cycling track. See international cricket contests, or learn to ski and snowboard on the world's largest indoor ski slope. Attend major squash, tennis and netball events, or sign up for the UK's favourite 10k run.

Business

A bustling commercial centre, Manchester works as hard as it plays. Creativity complements industry, and burgeoning entrepreneurs thrive alongside established multinational businesses.

This is the perfect spot for you to connect with potential future employers from all sectors, gaining an insight into possible careers – or perhaps work with commercial giants on collaborative research opportunities. The city is home to the UK's largest chamber of commerce, thriving digital, creative and broadcast sectors, as well as well-regarded service and knowledge-based industries.





Food and drink

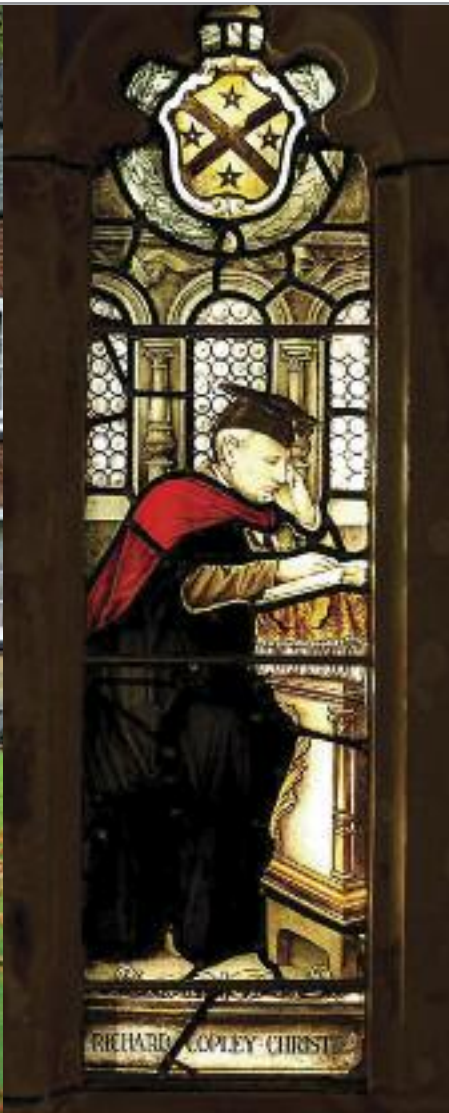
With so many cultures rubbing shoulders, it's no surprise that Manchester has a great reputation for food and drink. You'll find sumptuous cuisine from practically every nation and to suit any budget.

From upmarket restaurants to bohemian bars, Asian supermarkets to European delis, morning lattes to late-night takeaways, you'll find much to tantalise your taste-buds, with places to eat, drink and be sociable across the city, campus and student residential areas.

Shopping

Manchester is a shopper's paradise. From trendsetting independents to big-name brands, you'll find fashions, essentials and quirky one-offs.

Browse the best of the British high street, from premium department store Harvey Nichols to budget-conscious Primark. Investigate the specialist traders of the Northern Quarter, selling everything from vintage clothing to craft supplies; or visit the Trafford Centre, the UK's second largest shopping centre, with hundreds of shops and eateries under one roof.





Postgraduate taught courses

A person with blonde hair in a ponytail, wearing a dark patterned top, is seen from behind, writing mathematical equations on a chalkboard. The chalkboard is filled with complex formulas, including $B = a_v A - \frac{a_a (N-2)^2}{A}$, $\frac{a_c Z^2}{A^{1/3}}$, $a_s A^{2/3}$, and $\frac{a_g}{A^{3/4}}$. Below these, there are numerical values: $a_v = 15.5$, $a_a = 23$, $a_c = 14$, $a_s = 16.8$, and $a_g = 34$.

Like many potential postgraduate students, you probably have an interest in a particular subject area, but may be less certain of the way you want to study it, and at what level.

Taught postgraduate courses usually involve a combination of lectures, seminars and practical work, which are continually assessed and often culminate in an independent project or dissertation. They are particularly suitable if you wish to study a range of topics in a given subject specialism to a more advanced level. The courses are taught by members of our academic staff, and shaped by the University's esteemed research environment.



Why Manchester?

World-leading experts coupled with a first-class learning environment mean our taught postgraduate qualifications can open doors to a new or advanced career path. However, it's also the wider opportunities for personal and professional development outside your course that can take your postgraduate experience further at Manchester.

By stimulating your ability to think creatively, and encouraging you to adapt your existing knowledge to understand and solve complex problems, we aim to prepare you for the range of intellectual and professional challenges you could face in the next stage of your career.

You'll also have access to our vast network of support services, including our award-winning Careers Service.



www.manchester.ac.uk/study/masters/why-manchester

Types of taught courses

Taught master's degrees

Master's courses usually last for 12 months full-time, or 24 months part-time – making them more intensive, efficient and cost-effective than the two-year full-time options offered in most other countries.

Taught master's degrees usually involve two semesters of classes and assessed work, followed by four or five months' research, culminating in a dissertation or project. The balance of taught and research elements and the methods of assessment vary from course to course.

Taught master's degrees at Manchester include:

- Master of Arts (MA)
- Master of Business Administration (MBA)*

- Master of Education (MEd)
- Master of Science (MSc)
- Master of Law (LLM)
- Master of Music (MusM)

Our Master of Research (MRes) is slightly different, enabling you to undertake extensive research training and subject-specific advanced learning, with a view to proceeding to doctoral research.

**Our MBA lasts 18 months full-time and up to five years part-time.*

Postgraduate taught

Postgraduate diplomas and certificates

Diplomas usually last nine months, while certificates usually last six months. Many of these courses cover general areas of study, although some are more specialised, such as the Postgraduate Certificate in Education (PGCE). They're usually structured in a similar way to taught master's courses, but without the research and dissertation element. Some, such as the PGCE, are specifically vocational.

Flexible study options

Full-time/part-time

Most of our postgraduate taught students study on a full-time basis; however, it may be possible to study on a more flexible part-time basis.

International applicants from non-EU countries should note that the terms of entry into the UK normally prevent you from registering for a course on a part-time basis.

Distance learning

Some of our master's courses are available via distance learning (also known as distributed learning or e-learning). Distance learning allows you to study a qualification without having to relocate to Manchester, which is ideal if you need to study alongside other commitments. At Manchester, we invest heavily in online and interactive technologies to allow you to connect with staff and fellow students, and enjoy the same support as you would on campus.

Finance

Fees

Tuition fees for taught postgraduate courses cover the cost of your study with us, including charges for registration, tuition, supervision, examinations and graduation. They also entitle you to membership of our libraries, Students' Union and Athletic Union.

Tuition fees vary from course to course. Look up your chosen course online to find out the associated fee:



www.manchester.ac.uk/study/taught-masters

Funding

When considering studying for a taught postgraduate qualification, it's important to consider as early as possible how you will finance your studies. Most of our taught master's students are self-financing and we provide support and guidance to help you budget accordingly.






Postgraduate loan scheme (PGL)

In 2015, the UK government confirmed that Postgraduate Loans (PGL) of up to £10,000 will be introduced for UK/EU students commencing taught and research master's courses in the 2016/17 academic year.

This loan is:

- a contribution towards the cost of study, to be used towards tuition fees, maintenance costs or other costs;
- non-means-tested;
- paid directly into your UK bank account.

For further information about the PGL, including personal and course eligibility criteria, repayments and the applications process, visit:

 www.manchester.ac.uk/postgraduateloans

Additional sources of funding

We recommend that you explore the following options:


- Ask our staff in your chosen subject area how previous students have financed their studies. Specific funding for your area may be available; they will be able to advise you on how to apply.
- If you're an international student, we recommend that you contact both the Ministry of Education and the British Council in your home country; they will be able to advise on any funding streams available to you.
- Read the Alternative Guide to Postgraduate Funding, which provides a comprehensive overview of various funding sources from the voluntary sector. Email mdc@manchester.ac.uk for your copy.

 www.manchester.ac.uk/study/masters/funding

Equity and Merit Scholarships

These scholarships aim to assist talented, economically disadvantaged students from some of the world's developing countries. They aim to support you to undertake postgraduate master's degrees that are not available in your home country and that are intended to fill a particular skills gap.

These scholarships are jointly funded by the University and our alumni; we waive your tuition fee in full, while the generosity of alumni covers your living costs and flights to the UK. Awards are also available for study by distance learning.

 www.manchester.ac.uk/equity-merit

Journey to a postgraduate taught course

Choose your course

Browse this prospectus for an overview of subject areas and visit our website for full details of all our taught postgraduate courses:



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

Check our entry requirements

The qualifications, skills and qualities you need for postgraduate study at Manchester vary depending on the course. See our website for full entry requirements.

Look for a closing date

Most of our master's courses don't have official closing dates for applications; we simply advise you to apply as soon as possible. However, there are exceptions. If a particular master's course has a closing date for applications, we will state this on the individual course pages on our website.

Apply online*

You must apply to your postgraduate taught course via our online application form:



www.manchester.ac.uk/study/masters/admissions/apply

*The exception is PGCE applications, which must be made via UCAS:



www.ucas.com/teacher-training

Join us!

If your application is accepted, we'll warmly welcome you into our community at Manchester. All of our postgraduate taught courses begin at the start of our academic year in September.

Good luck!

Research funding options

If you intend to apply for funding, make sure you know the closing dates for applications to the relevant funding bodies. Most of them expect you to have a provisional offer from the University before you apply for their studentships, scholarships and awards, so make sure you apply to us as early as possible if you also intend to apply for funding. See page 45 for more about funding.

Need help with the application process?

See page 62 for details of support for international students, and applicants with additional support needs.

A home from home

Akshat Agarwal

MA student in
Management

Working in the energy industry in India, Akshat decided that he needed formal expertise in management in order to realise his career ambitions. Seeking a one-year master's degree in an international environment, he selected Manchester, where all his expectations were met... and exceeded.



On arrival

"The University supplied me with a lot of pre-departure communications, so by the time I boarded my flight to Manchester I knew what to expect. Then the welcome from the student ambassadors' team at the airport was phenomenal. I felt at home as soon as I arrived here."

"I participated in almost all the activities in the Welcome week, made myself acquainted with the city, with the University and its resources – Careers Service, student services, the Students' Union. We had city tours, supermarket tours. I really got involved."

On campus and city

"Manchester is a very student-friendly city and so welcoming. I thought it would be a conventional campus:

four walls with the university inside, and outside the campus is the city. But the fact that the University is spread across the city makes Manchester your home."

"No matter where you come from, or what your interests are – sports, history, culture, art, food – you'll find something that Manchester has to offer. It's been a very pleasant experience and I'm really going to miss it."

On global connections

"Manchester is good for international students. I was expecting the student community to be very diverse, but Manchester is more than just diverse. I really enjoyed the feeling of being around people from all over the world. I can confidently say today that I have friends from at least 60 countries, and these relationships I'm sure I will cherish for the rest of my life.

"When students from different nationalities come together, different cultures, countries and perspectives, the discussions that follow are very enriching. When you question the status quo, that's when you come up with something new, you come up with breakthrough technologies, breakthrough innovations."

On extracurricular development

"I wanted to see what leadership potential I had. So I nominated myself as chairman of the Residents' Association in my postgrad-only hall [of residence], and I was elected. Ever since I have involved myself in organising activities for students: pizza nights, day trips, cross-cultural dinners. People really enjoy it."

At the cutting edge of research

Faith Nanyonga

MSc student in
Medical Microbiology

Faith's dream is to become a world-class research scientist and develop a vaccine against the HIV virus that has ravaged her native Uganda. In Manchester she has made academic connections that have already set her on that path. It has, she says, been "life-changing".



On the significance of research

"I got interested in HIV studying bio-medical laboratory technology at Makerere University in Uganda. Then I worked for three years at the Uganda Virus Research Institute.

"My country is struggling with infectious diseases like HIV/Aids, malaria and tuberculosis, and vaccine development is considered the most feasible solution – yet only tuberculosis has one at present. I decided I wanted to continue my research into vaccines against tropical diseases, and HIV in particular."

On why I chose Manchester

"The master's course I wanted to do simply wasn't available anywhere at home and I was thrilled to be offered an Equity and Merit Scholarship to come to Manchester.

"The course content was very relevant to my future ambitions and fitted very well. I've been able to make good networks and connections in terms of the work I'm doing and my future career. I've been able to talk to some outstanding professors and read some world-class journals. It's opened my eyes and made me more optimistic about what lies ahead."

On next steps

"After my master's I would like to do a PhD in vaccine research specifically for HIV. What is happening in the scientific world shows me it is achievable. I need to return to Uganda first, but I would love to come back and do my PhD here. It's at the cutting edge of research."

On the city

"I'd never been to Manchester or the UK before and what I like most about it is the diverse culture. It's a cosmopolitan city, and I've been enlightened socially too.

"I tell anyone looking for a university: Manchester is the place to be."

Postgraduate research programmes

As a postgraduate researcher at Manchester, you'll undertake independent research under the supervision of a senior academic, contributing at a high level to the body of professional knowledge in your specialist area.

Some programmes, such as doctoral training programmes, may involve a taught element, or specific training in research skills; others may focus on interdisciplinary research, or involve a partnership with another institution or external organisation.

Why Manchester?

We welcome the most able and ambitious students into our thriving research culture at Manchester, which fosters intellectual endeavour and encourages innovative, interdisciplinary collaboration. You'll discover a challenging yet supportive research environment, and experiences that will help you develop your personal, social and academic qualities.

A researcher development strategy underpins our commitment to your personal and professional growth. You can undertake a blend of interdisciplinary and transferable skills training that will complement your degree, and access comprehensive careers advice and guidance tailored to postgraduate researchers.

We're investing in further dedicated postgraduate facilities: opening in 2017, our Manchester Doctoral College Hub will provide postgraduate researchers with social space, access to digital resources and a shared study environment.



www.manchester.ac.uk/study/postgraduate-research/why-manchester

Manchester Doctoral College (MDC)

As a postgraduate research student at Manchester, you'll automatically become part of our MDC community, which unites students, supervisors, administrators and external collaborators in working to improve facilities, locate accessible funding and enhance the postgraduate research experience across the University.

We'll work in collaboration with you to generate internationally leading research, support you to make the most of the opportunities at Manchester and guide you towards a successful future. We're keen to celebrate your successes and promote our postgraduate research community throughout campus.



Researcher development programme

Each of our Faculties offers an extensive researcher development programme, providing a blend of cross-disciplinary and generic skills training opportunities to equip you with the skills, attributes and knowledge to thrive as independent researchers and professionals. Training covers areas such as research management, personal effectiveness, career management, engagement, influence and impact.



www.manchester.ac.uk/researcher-development

Supporting business innovation

We have an enviable track record when it comes to turning ideas into reality, including helping students to realise the commercial potential of their research. Our innovation company, UMI3, works with researchers, entrepreneurs, business people, professional advisers and investors to handle hundreds of invention disclosures submitted by our academics, and to help create companies based on our current research.



www.umi3.co.uk

Postgraduate research

Types of research programme

Doctor of Philosophy (PhD)

A programme of supervised research over three to four years, the results of which must show evidence of originality and independent, critical judgement, and constitute an addition to knowledge. Some programmes include specific taught courses to complement your research.

Collaborative PhD

Includes a research project undertaken with an external partner, for example, another higher education institution, a private company, a public body or the NHS. You can study on a split-site basis or as a joint award. Contact the relevant School or Faculty to find out more.

Professional, engineering and enterprise doctoral programmes

These relate to specific professional areas and incorporate a taught component. We offer them in:

- Clinical Psychology (ClinPsyD)
- Counselling Psychology (DCounsPsych)
- Education (EdD)
- Educational and Child Psychology (DEdChPsychol)
- Educational Psychology (DEdPsy)
- Engineering (EngD)
- Enterprise (EntD)

Doctor of Professional Management (DProfPM or DProfREAM) / Doctor of Business Administration (DBA)

Programmes of supervised research over three to four years. Ideal if you seek to advance your career within a research-oriented business or government organisation, or expect to be engaged in a significant amount of business consultancy work.

Doctoral training programmes: Centre for Doctoral Training (CDT) or Doctoral Training Partnerships (DTP) PhD

A four-year integrated research degree combining taught courses with a programme of supervised research, leading to a doctoral research project. We offer a strong focus on interdisciplinary research in order to foster cutting-edge, internationally competitive research.

For a full list of doctoral training programmes, see page 60 or visit:



www.manchester.ac.uk/doctoral-training

Doctor of Medicine (MD)

Two years of supervised research in any area of clinical medicine.

Master of Philosophy (MPhil)

Usually lasting 12 months, this degree involves the submission and examination of a shorter thesis than that required for a PhD, but which still sets out the results of an original, individual programme of investigational research.

If you successfully complete your MPhil and prepare a detailed plan for a doctoral research project, you may be able to transfer onto a PhD.

MSc by Research

Includes subject-specific taught course units, research skills training and a substantial research project (or series of research projects) over a 12-month period.

Master of Enterprise (MEnt)

A research master's programme offered across the whole of the University, which enables you to research a business opportunity. The programme is supported by a number of taught units, which give you the key skills necessary to create your business.

Flexible study options

Full-time/part-time

We offer most of our postgraduate research programmes on a full-time and part-time basis. Check the listings in this prospectus to see if your preferred programme is available to study part-time.

Distance learning

A handful of our research programmes are available via distance learning (eg Midwifery and Nursing). These are delivered off-site and usually allow you to progress via self-study using printed materials and online resources.

At Manchester we invest heavily in online and interactive technologies to allow you to connect with staff and fellow students, and to enjoy the same support as you would on campus.

Research IT

In addition to the services we provide to all staff and students, our postgraduate researchers have access to powerful technology platforms and the advanced skills of our specialist research IT support staff, encompassing high-performance computing, software and data engineering, data visualisation and analytics and research data storage.



www.manchester.ac.uk/itservices/research

Start dates

Research programmes usually start in late September; however, many offer entry points for enrolment in January, April and June.

Finance

Fees

Tuition fees for postgraduate research programmes cover the cost of your study with us, as well as charges for registration, tuition, supervision, examination and graduation. They also entitle you to membership of our libraries, Students' Union and Manchester Doctoral College.

Tuition fees vary for different programmes. For all our current fees information, including details for individual programmes, see:



www.manchester.ac.uk/study/postgraduate-research/fees

Funding

Securing funding can be a challenging and competitive process – but opportunities are available. Start looking as early as possible, and don't be afraid to ask questions.

Ask the admissions officer or recruitment manager in your chosen School how previous students have financed their studies. Specific funding for your area may be available, and our staff will be able to advise you on how to apply for it.

Search our funding database to identify suitable awards:

www.manchester.ac.uk/study/postgraduate-research/funding/opportunities

The Alternative Guide to Postgraduate Funding is a useful publication, and is available free by emailing: mdc@manchester.ac.uk

Studentships

We offer a variety of studentships based on academic excellence, which give the brightest applicants from around the world the opportunity to pursue postgraduate research. Before applying for a studentship, read the eligibility criteria thoroughly and note the closing deadline.

School and Faculty awards

Some sources of funding are managed and awarded directly by our Schools and Faculties. Some Schools advertise funding on their websites, so contact them directly for information.

You can find links to all of our Faculty and School websites from our central website:



www.manchester.ac.uk/discover/structure/faculties-schools

Research council funding

The UK's seven research councils are a major source of funding for UK and EU postgraduate researchers. This funding for postgraduate research goes directly to the University; we then select and recruit students through the Schools and Centres for Doctoral Training.

Contact the relevant Faculty for advice on what funding is available, your eligibility and the application procedure.

Find out more



www.manchester.ac.uk/study/postgraduate-research/funding

President's Doctoral Scholar (PDS) Award

It's a priority for us to support and develop tomorrow's global research leaders. Through our PDS Award, we strive to create an environment that allows you to excel in research and reach your full potential.

Each year, the University presents the PDS Award to approximately 3% of our research students who demonstrate academic excellence and leadership potential.

We offer **more than 100 elite awards** each year to the most outstanding students from across the globe, to support their research training with prominent academics across all our subject areas.

If you receive a PDS Award, you will receive not only funding towards your doctoral studies, but also an **additional £1,000 enhancement** to your annual living allowance. You'll be invited to attend a series of **exclusive events**, with the opportunity to **meet the University's President and Vice-Chancellor**, interact closely with our academic community and network with other PDS Award scholars.

You'll also have access to a **bespoke suite of training activities**, including advanced training in leadership, collaboration, publication, public engagement, time management, sustainability and commercialisation.



www.manchester.ac.uk/presidentsaward





Journey to a PhD

Identify your research idea or area of interest

Read extensively around your subject to hone your idea. If you're generating your own research project – as opposed to applying for a pre-defined research project such as a CDT or DTP – identify potential sources of funding and seek guidance as to their suitability.

Select the appropriate School

Find out where the right expertise lies to support your research at Manchester – or view the profile of the supervisor in charge of your predefined research project. Search our expertise:



www.manchester.ac.uk/discover/structure/faculties-schools



www.manchester.ac.uk/research/people

Contact a potential supervisor

Identify a potential supervisor with experience in your field and contact them to discuss your proposed area of research. If you're applying for a pre-defined project, contact the specified supervisor before you apply, to introduce yourself and ask questions.

Choosing a supervisor

We strongly recommend that you contact an academic member of staff to discuss your research proposal and key objectives before you submit a formal application. This will enable you to fine-tune your proposal and check that we can identify a suitable supervisory team. The supervisory team will provide you with support, advice and guidance throughout your research degree.

Find practical tips on how to search for and approach a prospective supervisor:



www.manchester.ac.uk/choose-supervisor

Compose your research proposal

This is a crucial part of most doctoral applications and needs to make a positive and powerful impact, so be sure to take time to clarify your ideas and think about how best to structure your application.

Funding

Securing funding can be a challenge for many research students. Start looking as early as possible and read our information and advice on page 53 and online.



www.manchester.ac.uk/study/postgraduate-research/funding

Apply

Complete and submit our online application form – make sure you have relevant documentation to hand, such as your CV, certificates, transcripts and evidence of English language ability (if applicable). Remember to make a note of application deadlines.



www.manchester.ac.uk/pg-research-apply

How to write a research proposal

The research proposal is a key element in the assessment of many PhD applications and it warrants the investment of your time and energy. Typically, a research proposal ranges between 1,000 and 1,500 words, but you should consult with the relevant School for specific guidance on word count.

Generally, a research proposal should show evidence of intellectual purpose and originality, demonstrate that you are capable of communicating your ideas clearly, define the topic you are interested in and show good awareness of the research context.

Find out how to structure your research proposal:



www.manchester.ac.uk/research-proposal

Consider a doctoral training programme

Fully funded and with competitive living costs, a doctoral training programme might be for you if you're looking for collaborative work with industry and a pre-defined research project that's more structured than the traditional PhD. Based in multidisciplinary centres of expertise, Doctoral Training Partnerships (DTPs) and Centres for Doctoral Training (CDTs) are research council-funded and offer a unique opportunity to be part of a team conducting ground-breaking research that will affect real-world issues. The application process varies. Find out more on page 60.

Working with world-leading minds

Chris Berger

PhD student in
Nanomechanics of Graphene

Working alongside two Nobel laureates, at the cutting edge of technological developments that could transform the world as we know it, is all in a day's work for Chris, whose research into 'wonder material' graphene is giving him insight into a future with limitless possibilities.



On science at Manchester

"One of the best things about Manchester is the huge expanse of research that's going on here. If you have an idea, the facilities you need are here somewhere – so you can get very creative with your research, because there are no limitations."

"That's quantity – but there's also quality, especially in the National Graphene Institute. Every bit of kit here is the newest version and the highest spec. The precision and speed you can work at is incredible."

On having Nobel laureate colleagues

"The whole world wants to work with these two Nobel laureates. They only pick the very best, so working alongside them means you're also working with the best

physicists and engineers from around the world. Witnessing their methods, their efficiency and their intelligence allows you to become an independent researcher very quickly."

On transforming health care

"My research focuses on nano-mechanical systems. Take microfluidic circuits, where you control fluids on such a tiny scale that you can carry out chemistry experiments, which would usually take a whole laboratory, in a chip the size of an SD card."

"This has allowed HIV diagnosis to reach the poorest nations, where there are no facilities. Further work could have a huge impact on health care in poorer communities."

On the future of energy

"My speciality is membranes. A graphene membrane can split water and create high-efficiency energy from the protons. Imagine the electronics that you use in everyday life, your kettle, toaster, computers, home telephone – all those things could be powered by capsules of water the size of an AA battery."

On collaboration

"At Manchester, you have a huge pool of experienced researchers who are all open to discussion. You learn about new fields, which broadens your own research scope. And, when you come across a problem in your PhD, rather than spending time reading online sources, you can get up from your desk, walk to someone else's office and ask for help. Everyone works together."

Inroads to industry

David Sudall

PhD student in
Civil Engineering

At Manchester we're able to offer some unique and powerful opportunities as a result of our strong partnerships with industry and through our world-leading academics. David has been able to use these throughout his PhD in Civil Engineering to take him beyond research and give him a powerful competitive edge to prepare for his future.



On research

"Offshore wind farms are getting bigger and bigger, but they are also being sited further and further offshore, which makes them expensive to build and operate. The idea behind my research is to combine offshore wind and tidal stream turbines at the same site, on the same platform, in order to potentially reduce the cost of electricity from them.

"I was fortunate enough to design my research project in partnership with the academics at Manchester, which meant I was able to tailor the project to my interests and make sure that it was exactly what I wanted to do, rather than applying to a pre-defined project."

On Manchester

"I did my undergraduate degree in Mechanical Engineering here, so I already knew Manchester. I love the city – it's great as a place to be, both academically and culturally. I play a lot of music, so the music scene in Manchester is quite important for me."

On industry

"The project was born out of industry need, so industry has played a huge part in shaping the direction of my research.

"We're lucky to work with some big industry partners, including E.ON, Alstom and DNV GL. It's been really valuable having them on board – it's meant we've not only

had access to experimental data at the University, but also to real-site data of full-scale devices.

"At a personal level, attending meetings with lead figures from these companies is a fantastic networking opportunity, which I don't think I would have had if they had not been part of the research here."

On skills

"I've learnt a lot from the outreach opportunities I've had while studying. I've had to communicate my research to a broad range of audiences, including schoolchildren. You have to work hard to capture their enthusiasm so that they'll be inspired to continue this kind of work in the future."

A new route to research

Doctoral training programmes

The University of Manchester is consistently successful in securing funding to support and lead some of the biggest and most innovative Centres for Doctoral Training (CDT) and Doctoral Training Partnerships (DTP) in the UK.

A popular route to postgraduate research, these programmes provide cutting-edge doctoral study within a dynamic, interdisciplinary culture that centres around the engagement of key industry leads, external organisations and other leading academic institutions.

Each year, around one-third of our new research students choose to take this alternative path, which includes training and activities, and sometimes taught elements. Many of our doctoral training programmes are run in partnership with research councils and businesses that fund all studentships and provide competitive stipends.

The following programmes are funded by The University of Manchester and UK research councils. Doctoral training programmes available at Manchester are currently run in partnership with:

Research councils

AHRC

Arts and Humanities
Research Council

BBSRC

Biotechnology and Biological
Sciences Research Council

EPSRC

Engineering and Physical
Sciences Research Council

ESRC

Economic and Social
Research Council

MRC


Medical Research
Council

NERC

Natural Environment
Research Council

Advanced Metallic Systems CDT

As part of this CDT – which was set up to address the shortage of doctoral-level metallic material specialists in the UK – you'll be trained in fundamental metallurgical science and engineering, and undertake an industry-sponsored doctoral project.

 www.metallicscdt.co.uk


AHRC North West Consortium Doctoral Training Partnership

Work across a wide range of the AHRC disciplines in partnership with creative organisations including museums, galleries, cultural organisations and businesses.

 www.nwcdtp.ac.uk


BBSRC Doctoral Training Partnership

Study at one of the largest and most successful centres for biological and biotechnological research and training in Europe, and work on multidisciplinary projects to enable new ways of working.

 www.dtpstudentships.manchester.ac.uk


Centre for East European Language-Based Area Studies CDT

Undertake outstanding research and training in the specialist field of Russian, Slavonic and East European languages and culture, and play a crucial part in enabling the UK to better respond to future European and global developments.

 www.ceelbas.ac.uk


Computer Science CDT

Combine technical research with training and practical experience in creativity, innovation and scientific evaluation to bring together an understanding of foundations, technologies and applications across the spectrum.

 www.manchester.ac.uk/cs/cdt


EPSRC Science and Technology of Fusion Energy CDT

Receive training from world-leading experts in a range of fusion-relevant disciplines: materials science, plasma physics, nuclear physics, technology, laser physics and instrumentation.

 www.fusion-cdt.ac.uk

Graphene Nownano CDT

Undertake state-of-the-art training in fundamentals of graphene and 2D materials, their applications and key techniques, before completing a research project that includes secondments to industrial or academic partners.

 www.graphene-nownano.manchester.ac.uk


Materials for Demanding Environments CDT

Combine taught technical components with professional skills training, as well as a PhD-level research project. Industrial partners play an active role in shaping and delivering the training.

 www.m4de.manchester.ac.uk


MRC Doctoral Training Partnership

Apply your expertise to unmet health care areas of UK and global importance through interdisciplinary research across biomedical, computational, material, physical, chemical and social sciences.

 www.mhs.manchester.ac.uk/postgraduate/programmes/research/studentships/funding/mrcdtp


NERC Doctoral Training Partnership

Be exposed to the breadth of research in environmental sciences, while developing as a cutting-edge scientist within the themes of atmospheric sciences, ocean sciences and environmental sciences.

 www.liv.ac.uk/studentships-earth-atmosphere-ocean


NERC Oil and Gas CDT

Become part of the next generation of geoscientific and environmental researchers in oil and gas, and receive joint training delivered by academic, governmental and industry experts from the earth, environment and applied business sectors.

 www.nerc-cdt-oil-and-gas.ac.uk


Next Generation Nuclear CDT

Become a future leader and support the UK's strategic nuclear programmes, such as nuclear legacy clean-up, new-build power stations and defence and security.

 www.nextgennuclear.manchester.ac.uk


Power Networks CDT

With the help of 12 industrial supporters, we offer multiple opportunities to interact with leading companies in the energy sector and undertake personal development to support your future career.

 www.power-networks-cdt.manchester.ac.uk

Regenerative Medicine CDT

Undertake formal training alongside PhD research projects that integrate bioengineering, nanotechnology and biomaterials, stem cell biology, extracellular matrix and inflammation, translational gene therapies and tissue engineering.

 www.regenmedcdt.manchester.ac.uk

North West Doctoral Training Centre

Become part of the largest Doctoral Training Centre in England for postgraduate social science training. Work across the full range of social sciences with support from three top north-west universities.

 www.nwdtc.ac.uk

Applying

to Manchester



You can apply online for our postgraduate taught courses and research programmes:



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



www.manchester.ac.uk/study/postgraduate-research/admissions

Entry requirements

For details on the exact qualifications, skills and qualities you need to undertake your chosen postgraduate programme at Manchester, see the programme or course profile on our website:



www.manchester.ac.uk/study

Support with your application

Applicants with additional support needs

We welcome applications from anyone who has additional support needs as a result of a long-term medical condition, mental health difficulty, disability, or specific learning difficulty, such as dyslexia or dyspraxia. All such applications are considered on exactly the same academic grounds as other applications.

If you need support with the application process, our Disability Advisory and Support Service will be pleased to help.



www.manchester.ac.uk/dass

International students

In some overseas countries we have educational consultants, who can assist you with preparing and submitting your application.



www.manchester.ac.uk/study/international/country-specific-information

International qualifications

We recognise many different qualifications from around the world. For details of international entry requirements and equivalencies, visit our website, or contact us at: international@manchester.ac.uk



www.manchester.ac.uk/study/international



English language requirements

An ability to communicate effectively in English is vital to your academic performance and progress at Manchester. You'll need a high level of fluency to make the most of your learning opportunities with us. Improving your English will also be a valuable long-term skill that will enhance your job prospects.

Approved English language tests

Most international students will be required to demonstrate English language proficiency through an approved test. In most cases, these internationally recognised assessments of English are 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).

If you are an international student coming to the UK on a Tier 4 visa, you will need to satisfy UKVI English language requirements as well as any academic requirements specified by your academic School. The University's English language requirements are typically higher than the minimum required for the visa. Minimum requirements vary across our postgraduate courses. Please see the listing for your chosen course on the University website: www.manchester.ac.uk/study

In general, an overall score of 6.5-7.5 in IELTS will be required depending on the course, and many courses 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. Please refer to our website for further guidance:



www.manchester.ac.uk/language-requirements

Stay up-to-date

Please note that some test scores such as IELTS only remain valid for two years. Your English language test must be valid on the date you start your academic programme, otherwise you will need to retake it.

Our courses

Key

FT Full-time

PT Part-time

DL Distance
Learning

CO



Aerospace Engineering

WHY MANCHESTER?

- We are world-leading in many research areas, from computational fluid dynamics to how engineering impacts public policy, while 100% of our impact case studies are graded as “internationally excellent” or “world-leading” (3* or 4*) (REF 2014)
- We have more than 200 years’ expertise in teaching engineering and many of our graduates achieve excellence on the global stage
- We have strong industrial links with Airbus, Rolls-Royce, EADS, Dstl, MBDA and ESTEC/ESA, and we are a preferred academic partner for BAE Systems in experimental aerodynamics and dynamic loads
- We are one of the largest schools in Europe incorporating mechanical, aerospace and civil engineering

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

Our research in aerospace engineering includes 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.

Taught courses

Aerospace Engineering MSc



Research programmes

Aerospace Engineering MSc by Research/MPhil/PhD



Funding

There are a number of funding opportunities available for UK and international students. For more information about these opportunities, including our President's Doctoral Scholar Award and other external funding schemes, please visit:



www.manchester.ac.uk/mace/study/postgraduate-research/funding

Careers

Our graduates find employment in: airframe manufacturers; gas turbine and aircraft systems industries; defence laboratories; consultancy and management; and postgraduate research.

Contact

t: +44 (0)161 306 9219

e: pg-mace@manchester.ac.uk



www.manchester.ac.uk/mace

Alliance Manchester Business School

WHY MANCHESTER?

- One of the UK's first business schools, and the largest campus-based business and management school in the UK
- Ranked seventh in the UK, 14th in Europe and 38th globally (Financial Times rankings 2016)
- 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)
- Business and Management Studies was ranked second in the UK for research power in the latest Research Excellence Framework (REF 2014)

Alliance Manchester Business School 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, and you'll study alongside students from more than 65 different countries.

The Manchester MBA offers the experience of a lifetime that will change the way you do business. With full and part-time study options, the 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 continues to attract 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. 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 Accounting and Finance MSc and Finance MSc.

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 the School and the University.

The donation is being invested in the School's new building and is driving its research agenda forward. Together, this will enhance the learning experience for all students.

Taught courses

Accounting MSc (subject to approval)

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

Corporate Communications and Reputation Management MSc

FT

Finance MSc

FT

Finance and Business Economics MSc

FT

Human Resource Management and Industrial Relations MSc

FT

Innovation Management and Entrepreneurship MSc

FT

PT

International Business and Management (Management) MSc

FT

International Business and Management (Research) MSc

FT

Alliance Manchester Business School (continued)

Taught courses (continued)

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

Master of Enterprise Business and Entrepreneurship MEnt

FT PT

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

Science, Technology and Innovation Policy PhD

FT PT

Funding

There are a number of scholarships available across our MBA and master's courses. Scholarships are highly competitive and are often awarded to the strongest academic applicants. We offer approximately 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

Alliance Manchester Business School's Postgraduate Careers Service provides specialist careers support to complement the services offered by the University's Careers Service. It provides 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, Amazon, Barclays, Bosch, Credit Suisse, Deloitte, Google, Hewlett-Packard, Jaguar, Lenovo, PwC, Samsung and Tesco.

Contact

Taught courses

t: +44 (0)161 306 1339

e: pg@mbs.ac.uk

 www.alliancembs.ac.uk/masters

Research programmes

t: +44 (0)161 275 1200

e: mbs-pgresearch@manchester.ac.uk

 www.alliancembs.ac.uk/phd

Full-time MBA

t: +44 (0)161 275 6414

e: mba@mbs.ac.uk

 www.alliancembs.ac.uk/mba/full-time

Part-time Global MBA

t: +44 (0)161 275 7212

e: global@mbs.ac.uk

 www.alliancembs.ac.uk/mba/part-time

Master of Enterprise

t: +44 (0)161 306 8484

e: enterprise@mbs.ac.uk

 www.alliancembs.ac.uk/enterprise

Archaeology

WHY MANCHESTER?

- An internationally renowned centre for social and theoretical archaeology, with a strong emphasis on interdisciplinary approaches cross-cutting the humanities and the sciences
- You'll be taught by academic staff who conduct world-leading research in cutting-edge fields such as archaeology of identity, ritual, medicine, materiality, monumentality, death, cosmology and religion
- 90% of our research was judged as having "very considerable impact" (3*) in the most recent UK-wide research review (REF 2014)
- Research links with key disciplines, including social anthropology, museology, history of art and visual studies, geography and history

The University of Manchester is an internationally recognised centre for social and theoretical archaeology. Study with us and develop expertise informed by researchers of international calibre involved in projects on a worldwide scale – from prehistoric Britain to Rapa Nui. Our award-winning teaching and learning is informed by pioneering research with global significance and impact. Our knowledge spans the breadth of geographical areas and chronological periods, from Mesolithic, Neolithic, and Iron Age Britain to Neolithic and Bronze Age Near East, Mediterranean, Africa and Oceania.

By combining theory with practice, you'll ask fundamental questions about the complex web of inter-relationships between societies, individuals, animals and plants, the built environment, and the material world. This socially focused approach also encourages a critical and self-reflective attitude towards the politics and practice of archaeology today. As a postgraduate student, you'll be part of a thriving interdisciplinary research culture, participating in regular research seminars and an archaeology postgraduate forum run by doctoral students. You may also have the opportunity to undertake undergraduate teaching, following appropriate training.

As a postgraduate student in the School of Arts, Languages and Cultures, you'll have access to our dedicated graduate school. This is an online and physical postgraduate community, designed to stimulate collaboration and networking among taught-course students and researchers. As well as providing purpose-built resources, the graduate school delivers training, workshop sessions and programmes, each designed to foster the continual professional development of our postgraduates.

Taught courses

Archaeology MA



Research programmes

Archaeology PhD



Funding

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-funding

Careers

We'll provide you with an excellent foundation for pursuing further research in archaeology and closely related disciplines. Our programmes also offer an excellent basis from which to pursue a career in the archaeological profession, the heritage and museum sectors, or wider careers in the arts and cultural sectors.

Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/archaeology

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/archaeology

Architecture

WHY MANCHESTER?

- Professionally recognised and non-professionally recognised courses taught in purpose-built, award-winning facilities
- One of the largest architecture schools in the UK, with more than 100 years of teaching and research experience
- Manchester is a showcase for recent regeneration with historic context, much of which has been designed with the involvement of our graduates
- 75% of our research activity was defined as "world-leading" or "internationally excellent" in the most recent Research Excellence Framework (REF 2014)

Manchester School of Architecture is an innovative collaboration between The University of Manchester and Manchester Metropolitan University. The School draws upon the considerable resources of the two universities, offering a wide range of study options and enviable expertise in teaching and research. As a student at Manchester School of Architecture, you will have access to and benefit from the facilities and resources at both universities, including the libraries, computer suites, and model-making and media workshops.

Manchester School of Architecture has an excellent reputation for variety, vitality and the quality of the work and achievements of its students. The School has an innovative atelier system, which provides a great variety of experiences while enabling you to pursue your own specialised interests. We have specialist, research-active staff who provide a rich and stimulating

environment. Many of our staff are – or have practised as – architects, and the School has strong links with the architecture community in Manchester and beyond.

Our postgraduate taught courses and research programmes draw inspiration from the Manchester Architecture Research Centre and the Architecture Research Centre; all students are encouraged to take an active part in the research culture of the School.

Taught course

Architecture and Urbanism MA



Master of Architecture MArch (ARB/RIBA Pt2)



Research programmes

Architecture PhD



See also Planning and Environmental Management.

Funding

Master of Architecture students are typically supported by the Student Loans System, sponsored by their employers or by external funding agencies, or funded from their own private resources. Architecture PhD students may be eligible for a studentship from the Arts and Humanities Research Council (AHRC). Visit the Manchester School of Architecture, School of Environment, Education and Development, and Manchester Research Into Art and Design websites for information:



www.msa.ac.uk



www.manchester.ac.uk/seed/fees/postgraduate-taught-funding



www.manchester.ac.uk/seed/research/phd-study/funding



www2.mmu.ac.uk/research/research-study/scholarships/art-and-design

Careers

Studying the MArch Architecture (after a BA [Hons] Architecture and the required year in practice) completes the academic components that, with further professional practice, lead to qualification as an architect in the UK.

Our 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. Our graduates are highly valued by industry professionals, who recognise their confidence, creativity and skills.

Contact

Taught courses

Master of Architecture MArch (Helen Aston)

t: +44 (0)161 247 6963

e: h.aston@mmu.ac.uk



www.msa.ac.uk/study/march

Architecture and Urbanism MA (Eamonn Canniffe)

t: +44 (0)161 247 6956

e: e.canniffe@mmu.ac.uk



www.msa.ac.uk/study/ma/architecture-and-urbanism

Research programmes (Eamonn Canniffe)

t: +44 (0)161 247 6956

e: e.canniffe@mmu.ac.uk



www.msa.ac.uk/study/phd

Art History and Visual Studies

WHY MANCHESTER?

- In the most recent Research Excellence Framework (REF 2014), 85% of our research activity was judged as “world-leading” (4*) or “internationally excellent” (3*), 42% of our research activity was in the top category (4*), and we were placed third among art history departments in the UK
- Benefit from a series of world-class, University-owned cultural resources, including The Whitworth art gallery – which reopened to great critical and popular acclaim in February 2015, following a £15 million renovation
- We work closely with museum and galleries in the region and further afield, including TATE Britain and TATE Modern

Study with us and you'll join a team of art historians, critics and theorists working at the leading edge 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; the history and theory of the avant-garde; art and sexuality; modernism and postcolonialism; art and psychoanalysis; poststructuralism; history and theory of photography; and experimental art-writing.

You'll benefit from a series of world-class, University-owned cultural resources, including The Whitworth; The John Rylands Library, a spectacular neo-Gothic building housing one of the world's finest collections of medieval illuminated manuscripts and rare books; and Manchester

Museum, which holds outstanding collections of archaeological, ethnographic and classical artefacts. Our new programme, Whitworth Studies, aims to support interdisciplinary research projects between our students, The Whitworth, artists 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 for Museology, and our Centre for Interdisciplinary Research in Arts and Languages (CIDRAL) supports cross-disciplinary activities and exchanges within the School of Arts, Languages and Cultures, and beyond.

Manchester is globally renowned for its art and culture. The city is home to major galleries, including The Lowry, Manchester Art Gallery and The Centre for Chinese Contemporary Art, alongside Manchester International Festival and new £25 million development HOME, the largest combined arts centre outside London.

Research programmes

Art History and Visual Studies PhD



Funding

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-research-funding

Careers

One in 11 UK jobs now fall within the creative sector. 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.

Contact

t: +44 (0)161 275 3559
e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/arhistoryvisualstudies

Arts Management and Cultural Policy

WHY MANCHESTER?

- You'll benefit from more than 50 active partnerships with cultural agencies, venues and organisations, offering opportunities for practice-based research, expert teaching and placements
- You'll have access to award-winning cultural resources on campus, including The Whitworth, which recently reopened to critical acclaim following a £15 million renovation
- Study in a city that is internationally renowned for its arts and cultural scene, and is home to numerous galleries, theatres and music venues, the Manchester International Festival, HOME (the largest combined arts centre outside of London) and new £110 million arts development, The Factory

The Centre for Arts Management and Cultural Policy is a leading teaching, knowledge exchange and research centre for arts and cultural managers. Our practice-based master's courses have a vocational emphasis, designed to facilitate a bridge between education and professional life. As part of the University's Institute for Cultural Practices (ICP), we work closely with colleagues in museology, music, drama and beyond.

Our MA in Arts Management, Policy and Practice brings together theory and practice in diverse areas, including: production and programming; policymaking; strategic management and leadership; finance and resource development; marketing; audience development,

engagement and participation; education; research; and evaluation. The course is designed to serve as an entry-level qualification for recent graduates, as well as offering professional development for early and mid-career practitioners.

Our staff are active in academic research, professional development training and consultancy. Our research specialisms encompass: health care and activism; digital transformation of the arts; culture and regeneration; mobile media for curation, interpretation and learning; the politics of cultural access, past and present; the theory and practice of the art market; and interdisciplinary exhibition-making.

As well as providing purpose-built resources, our dedicated graduate school delivers training and workshop sessions on subjects such as professional networking and ethics. You'll also have the opportunity to take part in events and masterclasses led by the Centre for Interdisciplinary Research in Arts and Languages (CIDRAL), talks and workshops that explore approaches to research methods for the arts through our artsmethods@manchester programme, and project-based research collaborations with cultural venues through our 'Researchers in Residence' scheme.

Taught courses

Arts Management, Policy and Practice MA



Research programmes

Arts and Cultural Management Professional Doctorate



Arts Management and Cultural Policy PhD



You might also be interested in Museology, including our popular MA in Art Gallery and Museum Studies. Please see p108 for details.

Funding

Each year, a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-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, students gain skills that are applicable internationally, and our growing alumni network stretches across the globe.

Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/icp

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/icp

Audiology

WHY MANCHESTER?

- Be part of a School where our research influences, underpins and delivers improved services in international health care and education
- 88% of our research has been rated as “internationally excellent” or “world-leading” (3* or 4*), according to the most recent Research Excellence Framework (REF 2014)
- Benefit from our multidisciplinary research team, which includes professionals in audiology, deaf education and medicine, in addition to experts in psychophysics, electrophysiology, signal processing and neural imaging
- Benefit from our close links with colleagues in clinical psychology and psychology, as well as established relationships with colleagues in local health services
- Be part of our graduate school, which acts as the hub for our postgraduate research community

Our extensive portfolio of education and training includes professional development courses in areas as diverse as auditory science, paediatric audiology and vestibular assessment, all of which are accredited by the British Academy of Audiology. These courses are ideally suited for registered audiologists, hearing therapists and others wishing to further their knowledge and link theory with contemporary practice.

We also offer diplomas and master's degrees in deaf education, providing support for qualified teachers with an evidence-based approach to meeting the diverse needs of deaf children.

Our MSc in Audiology provides the theoretical, practical and clinical basis of the science of audiology. It contains two short clinical placements in NHS audiology departments in north-west England.

We offer a post-registration MSc/PGDip in Advanced Audiology Studies, which includes a range of course units aimed at providing health professionals with a broad understanding of how audiology services interact with allied health sciences, such as speech and language therapy.

The Audiology MSc course provides students with an academic qualification only. To become registered as a qualified audiologist, you will require further clinical training. The University will support you to find your own clinical placement where possible, but we cannot guarantee this.

Taught courses

Advanced Audiology Studies MSc/PGDip



Audiology MSc



Deaf Education MSc



Deaf Education PGDip



Research programmes

Audiology MPhil/PhD



Communication Disorders MPhil/PhD



Funding

We are awarded approximately 12 studentships by the research councils and the University each year, which pay UK/EU fees and a stipend (the in 2016/17 stipend is £14,296). These are allocated to the best PhD applicants.

A limited number of £2,000 bursaries are available this year for our Audiology MSc courses. Contact us for further information.

Careers

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

Contact

Taught courses

t: +44 (0)161 275 2585

e: pg.psychology@manchester.ac.uk

 www.manchester.ac.uk/psych-sci/study/masters

Research programmes

t: +44 (0)161 306 0259

e: pg.psychology@manchester.ac.uk

 www.manchester.ac.uk/psych-sci/study/research

Biological Sciences

WHY MANCHESTER?

- **State-of-the-art research facilities, including bio-imaging, electron microscopy, flow cytometry, mass spectrometry, bioinformatics, histology and x-ray crystallography, all maintained by expert technical staff, who also provide training and guidance**
- **We were ranked fourth nationally in the Research Excellence Framework, and we're in the top 10% for research power in biological sciences (REF 2014)**
- **You'll get training in bespoke skills, as well as a wide range of transferable skills via our graduate training programme; each training element will facilitate and compliment the more specific research training that you'll receive from your supervisory team**
- **We maintain strong industry links and offer a number of placements and project opportunities**

Our postgraduate opportunities span all fields of life sciences, from the molecule in a cell, to the whole organism and environment. We are one of Europe's largest and most successful research and teaching organisations of its kind, with more than 28,000m² of research space. 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.

The latest Research Excellence Framework (REF 2014) results confirm that we are a powerhouse for research in biological sciences. These results reflect the excellent research performance across the breadth of biosciences taking place at Manchester and reaffirm that our Faculty is a first-class environment in which to conduct world-leading research.

Taught courses

Biochemistry MSc

FT

Bioinformatics and Systems Biology MSc

FT

Biological Sciences MRes

FT

Biotechnology and Enterprise MSc

FT

Cell Biology MSc

FT

Clinical Rheumatology MSc

PT

Clinical Science (Bioinformatics) MSc

PT

Developmental Biology MSc

FT

Genetic Counselling MSc

FT

Genomic Medicine MSc/PGDip/PGCert

FT PT

History of Science, Technology and Medicine MSc
(including Medical Humanities award route)

FT PT

Medical Microbiology MSc/PGDip

FT PT

Medical Mycology MSc/PGDip/PGCert/CPD

FT PT

Medical Virology MSc/PGDip

FT PT

Neuroimaging for Clinical and Cognitive Neuroscience MSc

FT

Neuroscience MSc

FT

Plant Sciences 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 PT

Research programmes

Adaptive Organismal Biology MPhil/PhD

FT PT

Animal Biology MPhil/PhD

FT PT

Bioarchaeology MPhil/PhD

FT PT

Biochemistry MPhil/PhD

FT PT

Bioinformatics MPhil/PhD

FT PT

Biomolecular Sciences MPhil/PhD

FT PT

Biotechnology MPhil/PhD

FT PT

Biotechnology and Enterprise PhD

FT PT

Cell Biology MPhil/PhD

FT PT

Cell Matrix Research MPhil/PhD

FT PT

Channels and Transporters MPhil/PhD

FT PT

Developmental Biology MPhil/PhD

FT PT

Environmental Biology MPhil/PhD

FT PT

Evolutionary Biology MPhil/PhD

FT PT

Gene Expression MPhil/PhD

FT PT

Genetics MPhil/PhD

FT PT

History of Science, Technology and Medicine
MPhil/PhD

FT PT

Immunology MPhil/PhD

FT PT

Integrative Neurobiology and Behaviour MPhil/PhD

FT PT

International PhD in Biological, Medical and Health
Sciences

FT

Membrane Trafficking MPhil/PhD

FT PT

Microbiology MPhil/PhD

FT PT

Molecular and Cellular Neuroscience MPhil/PhD

FT PT

Molecular Biology MPhil/PhD

FT PT

Molecular Cancer Studies MPhil/PhD

FT PT

Neuroscience MPhil/PhD

FT PT

Ophthalmology MPhil/PhD

FT PT

Optometry MPhil/PhD

FT PT

Organelle Function MPhil/PhD

FT PT

Pharmacology MPhil/PhD

FT PT

PhD Programme with A*STAR Institutes, Singapore

FT PT

Physiology MPhil/PhD

FT PT

Plant Sciences MPhil/PhD

FT PT

Regenerative Medicine CDT PhD (see p61)

FT

Science Ethics MPhil/PhD

FT

Stem Cell Research MPhil/PhD

FT PT

Structural Biology MPhil/PhD

FT PT

Systems Neuroscience MPhil/PhD

FT PT

Toxicology MPhil/PhD

FT PT

Wellcome Trust (Molecular and Cell Biology) PhD

FT

Wellcome Trust (Quantitative and Biophysical Biology) PhD

FT

Funding

We offer a range of funding opportunities for PhD studentship from various Doctoral Training Partnerships via the Biotechnology and Biological Sciences Research Council, the Medical Research Council and the Natural Environment Research Council, as well as two prestigious Wellcome Trust four-year PhD programmes and a Centre for Doctoral Training in Regenerative Medicine. We also offer a number of scholarships and awards for outstanding international students.



www.manchester.ac.uk/ls/masterscourses/funding



www.manchester.ac.uk/ls/phdprogrammes/funding

Careers

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, and several of our graduates have pursued research careers in industry.

Contact

Taught courses

t: +44 (0)161 275 5032

e: pgtaught.lifesciences@manchester.ac.uk



www.manchester.ac.uk/ls/masterscourses

Research programmes

t: +44 (0)161 275 5608

e: pgresearch.lifesciences@manchester.ac.uk



www.manchester.ac.uk/ls/phdprogrammes

Chemical Engineering and Analytical Science

WHY MANCHESTER?

- Manchester is the birthplace of chemical engineering – it was created by George E Davis of Manchester Technical School in 1887, who wrote the first chemical engineering textbook
- In 2015 we received the Athena SWAN Silver award in recognition of our commitment to advancing the careers of women in science, engineering and technology in higher education
- We have some of the best facilities of any chemical engineering school in the UK, including a brand new, state-of-the-art teaching building, which houses a pilot-scale process plant
- 90% of our research is described as “internationally excellent” or “world-leading” (3* or 4*) (REF 2014)

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 apply chemical engineering in a 21st-century context.

Taught courses

Advanced Chemical Engineering MSc

FT PT

Advanced Process Integration and Design MSc

FT PT

Research programmes

Biocatalysis MPhil/PhD

FT PT

Chemical Engineering MPhil/PhD

FT PT

Chemical Engineering and Analytical Science EngD/
Integrated PhD/MPhil/MSc by Research/PhD

FT PT

Colloids, Crystals, Interfaces and Materials MPhil/PhD

FT PT

Environment and Sustainable Technology MPhil/PhD

FT PT

Instrumentation MPhil/PhD

FT PT

Multi-Scale Modelling MPhil/PhD

FT PT

Process Integration MPhil/PhD

FT PT

Systems Biology MPhil/PhD

FT PT

Funding

There are 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 great jobs. Chemical engineers are the highest-paid professionals in the engineering field. Our postgraduate degrees are designed to meet the needs of employers by developing the skills required for a successful career, such as design, problem solving, numeracy, analysis, communication and teamwork. We have an excellent international reputation, and a postgraduate qualification from Manchester will significantly boost your global career opportunities.

Contact

t: +44 (0)161 306 4149

e: pg-ceas@manchester.ac.uk

 www.manchester.ac.uk/ceas

Chemistry

WHY MANCHESTER?

- A 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 in the top five UK chemistry departments, seventh in Europe and 36th worldwide in the 2015 QS World University Rankings
- Fifth largest university research income in the UK (£68 million received in grants)
- One of the largest research schools in the UK, and the premier institution for chemistry in the north of England, with 74 academic staff, 146 postdoctoral research assistants and 347 postgraduate students
- Athena SWAN Silver award in 2013 for 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)

We offer comprehensive academic coverage across the chemical sciences and in all the core sub-disciplines of chemistry. We have research links with more than 80 different companies and more than 150 overseas universities and research institutes.

We're a major partner with the University's Manchester Institute of Biotechnology, Dalton Nuclear Institute, Photon Science Institute and National Graphene Institute. These institutes, strongly supported by industry, are specifically designed to accommodate interdisciplinary research communities derived from chemistry, the biosciences and the physical sciences, including materials, engineering and mathematics, with the aim of ensuring Manchester is recognised as a powerhouse of innovative research and technology development.

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

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

Contact

Taught courses

t: +44 (0)161 275 1423

e: pg.chemistry@manchester.ac.uk



www.manchester.ac.uk/chemistry

Research programmes

t: +44 (0)161 306 9279

e: pg.chemistry@manchester.ac.uk



www.manchester.ac.uk/chemistry

Civil Engineering

WHY MANCHESTER?

- Large-scale experimental facilities for engineering at Manchester are long-established and include laboratories for materials testing, heavy structures, fire testing, geotechnics, hydraulics and wind tunnels
- We offer programmes within the management of projects field, specialising in conflict and dispute resolution, people, organisations and culture, risk management, and performance management and evaluation
- We have 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
- We are one of the largest schools in Europe incorporating mechanical, aerospace and civil engineering
- 100% of our impact case studies were graded as "internationally excellent" or "world-leading" (3* or 4*) (REF 2014)

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

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

We are committed to providing you with the best experience and, as well as teaching, we will 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 new state-of-the-art research village.

Taught courses

Commercial Project Management MSc



Construction Project Management MSc



Engineering Project Management MSc



Management of Projects MSc



Structural Engineering MSc



Research programmes

Civil Engineering MPhil/PhD



Management of Projects MPhil/PhD



Funding

There are a number of funding opportunities available for UK and international students. For more about funding opportunities, including our President's Doctoral Scholar Award and other external funding schemes, please visit:



www.manchester.ac.uk/mace/study/postgraduate-research/funding

Careers

Our graduates are equipped to take up a wide range of roles in: theoretical and applied research; project appraisal, implementation and management; and civil/structural design and analysis.

Contact

t: +44 (0)161 306 9219

e: pg-mace@manchester.ac.uk



www.manchester.ac.uk/mace

Classics and Ancient History

WHY MANCHESTER?

- **Our research environment was a particular strength in the most recent Research Excellence Framework (REF 2014), with 100% of Classics and Ancient History environment activities, facilities and resources judged to be “world-leading” (4*) or “internationally excellent” (3*)**
- **Weekly research seminars featuring post-event networking opportunities with guest speakers from the UK and overseas**
- **Access to the exclusive holdings of John Rylands Library – home to one of the most important collections of papyri in the world, including fragments of works by ancient authors such as Homer and Hippocrates**

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 and culture.

Our extensive collection of specialist research areas includes topics as diverse as: Greek legal and 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 and Hellenistic poetry.

Overall, 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 Christian and 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.

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

As a postgraduate student in the School of Arts, Languages and Cultures, you'll have access to our dedicated graduate school. As well as providing purpose-built resources, the graduate school 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, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-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.

Taught courses

Classics and Ancient History MA



Research programmes

Classics and Ancient History PhD



Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/classics

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/classics

Computer Science

WHY MANCHESTER?

- Manchester is the birthplace of computer science: home to the world's first stored-program computer in 1948, and the UK's first computer science department in 1964
- In Manchester, celebrated wartime codebreaker Alan Turing carried out pioneering work on artificial intelligence that is still influential today
- We continue to conduct pioneering research, including new brain-like computer architectures, low-power chip design, medical imaging techniques and new technologies to exploit the power of the web
- The 2014 Research Excellence Framework (REF 2014) ranked Computer Science at Manchester in the top 5% in the UK for "research quality", and confirmed that we offer the best environment in the UK for computer science and informatics research

From its mathematical foundations, computer science spans hardware and software engineering, artificial intelligence, computational science and the user interface, and extends computing technology into new and exciting areas. By choosing to study at Manchester, you'll be joining one of the most innovative and successful schools of computer science in the world.

We have ten research groups operating across the spectrum, from fundamental theory and innovative technology, to novel hardware and software systems design and leading-edge applications. We have many interdisciplinary collaborations in areas such as

e-science, systems biology, health informatics, complex systems and nanotechnology, including groundbreaking experiments with graphene.

Taught courses

Computer Science Foundation Route to MSc (e-learning)

FT PT

Advanced Computer Science MSc/MRes

FT PT

Optional pathways for MSc:

ACS: Advanced Web Technologies MSc

FT PT

ACS: Artificial Intelligence MSc

FT PT

ACS: Computer Security MSc

FT PT

ACS: Computer Systems Engineering MSc

FT PT

ACS: Data and Knowledge Management MSc

FT PT

ACS: Digital Biology MSc

FT PT

ACS: Multi-Core Computing MSc

FT PT

ACS: Semantic Technologies MSc

FT PT

ACS: Software Engineering MSc

FT PT

Advanced Computer Science and IT Management (ACSwITM) MSc

FT PT

Optional pathway:

ACSwITM: Information Management MSc

FT PT

Research programmes

Computer Science MPhil/PhD/MEnt

FT PT

Computer Science CDT PhD (see p61)

FT PT

Funding

Three MSc Kilburn scholarships are available at £4,500 each for applicants eligible to pay home fees. We have approximately 15 three- and four-year PhD scholarships, covering fees and stipend for home applicants. We also offer a number of three-year PhD full and partial fee-waiver scholarships to research applicants paying fees at the overseas fee rate.

Careers

Employers target our graduates, recognising that they're equipped with the skills that enable them to excel in a whole host of positions. Opportunities exist in fields as diverse as finance, films and games, pharmaceuticals, health care, consumer products and public services. Employers of our graduates include Twitter, Facebook, Apple, Dell, SAP, Credit Suisse, Google, IBM, Microsoft, ARM, BBC, EA Games, Red Bull Technology, Morgan Stanley and Universal Music Group.

Contact

Taught courses

t: +44 (0)161 275 6181

e: pgt-compsci@manchester.ac.uk

Research programmes

t: +44 (0)161 275 0699

e: pgr-compsci@manchester.ac.uk



www.manchester.ac.uk/cs

Creative Writing and Contemporary Literature

WHY MANCHESTER?

- Engage with and learn from practising writers, editors and agents
- 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 Martin Amis, Gwyneth Lewis, Eleanor Catton, Seamus Heaney, AM Homes, Hilary Mantel, Paul Muldoon, Laura Goodison, Audrey Niffenegger, Colm Tóibín, Abi Morgan, Russell T Davies and Patrick Marber
- Our distinguished teaching staff includes novelists Jeanette Winterson OBE, MJ Hyland and Geoff Ryman; poets John McAuliffe and Vona Groarke; screenwriter Tim Price; senior film executive Emma Clarke; and literary and cultural critic Kaye Mitchell

Study with us and you'll be part of our prestigious Centre for New Writing, which brings together the biggest names in fiction to teach people how to write novels, short stories, poems and screenplays. It's a place where talented writers and critics can meet to exchange ideas and opinions. The Centre is founded on the simple but important principle that good writing and good reading go together.

You'll benefit from: seminars with Jeanette Winterson; workshops in fiction and poetry writing led by published, award-winning writers; intensive, one-to-one instruction

from writers-in-residence; Literature Live, a fortnightly reading series bringing the best contemporary novelists and poets to Manchester; skills-related sessions delivered by professionals in the publishing industry; and regular visits from literary agents and editors.

We work with talented, committed students, whatever your style or 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 contemporary Bildungsroman.

Our MA Screenwriting is a highly selective and vocationally oriented course, designed to train exceptional writing talent to enter the UK film and television industries. Our students 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.

Our purpose-built graduate school offers a comprehensive range of skills training workshops, placements and residential schemes especially for postgraduate students.

Taught courses

Creative Writing MA



Screenwriting MA



You might also be interested in English Studies (Contemporary Literature and Culture) MA – see p91 for details.

Research programmes

Creative Writing PhD



Funding

Each year, a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-funding

Careers

Some students pursue literary careers and go on to become published writers, while others follow their passion through publishing, journalism and careers in the arts sector. Other graduates undertake PhD study, or follow careers in law, librarianship and teaching. Our alumni include Rebecca Perry, Sophie Hannah, Chris Killen, Emma Jane Unsworth and Marli Roode.

Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/centrefornewwriting

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/centrefornewwriting

Dentistry

WHY MANCHESTER?

- We perform consistently well in league tables and student satisfaction surveys
- 88% of our research has been 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
- Be part of our graduate school, which acts as the hub for our postgraduate research community

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. For those wishing to combine clinical work with research, we offer a four-year clinical PhD.

As a student on a taught course, you will 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). New for 2016 is a distance learning course in Evidence-Based Health Care.

Taught courses

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/PGDip/PGCert

DL

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 (Cancer Studies) MPhil/PhD

FT PT

Basic Dental Science (Molecular Genetics) MPhil/PhD

FT PT

Biomaterials Science and Dental Technology
MPhil/PhD

FT PT

Dental Public Health/Community Dentistry MPhil/PhD

FT PT

Dental Science Clinical PhD (Clin)

FT

Endodontology MPhil/PhD

FT PT

Fixed and Removable Prosthodontics MPhil/PhD

FT PT

Operative Dentistry MPhil/PhD

FT PT

Oral and Maxillofacial Surgery MPhil/PhD

FT PT

Oral Radiology MPhil/PhD

FT PT

Orthodontics MPhil/PhD

FT PT

Restorative Dentistry MPhil/PhD

FT PT

Stem Cell Biology (Basic Dental Sciences) MPhil/PhD

FT PT

Funding

For more information on studentships and funding, see:



[www.manchester.ac.uk/mhs/study/
research/studentships-and-funding](http://www.manchester.ac.uk/mhs/study/research/studentships-and-funding)

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.

Contact

t: +44 (0)161 306 0239

e: pg-dentistry@manchester.ac.uk



www.manchester.ac.uk/dentistry/research

Drama

WHY MANCHESTER?

- **Ranked second nationally among UK drama departments in the Research Excellence Framework (REF 2014)**
- **Engage with Manchester's vibrant cultural life directly through work placement opportunities and research collaborations with cultural sector partners in the city, such as the Royal Exchange Theatre, HOME and the Theatre in Prisons and Probation Research and Development Centre (TiPP)**
- **We have a long history of developing and collaborating in new platforms for public research and knowledge exchange: for example, the Humanitarian and Conflict Response Institute (HCRI) and the biannual Insight Film Festival, which supports young people in making films exploring inter-faith dialogue and community cohesion**

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 (19th to 21st centuries), and film and screen studies. We strive to critique accepted norms, from new critical examination of popular theatre forms overlooked by scholarship, to re-appraising forgotten performances: the practice of revaluating marginal practices.

Social engagement is a strong theme across all of our postgraduate study options and 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.

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

Taught courses

Film Studies MA



Research programmes

Anthropology, Media and Performance PhD



Applied Theatre Professional Doctorate



Drama PhD



Funding

Each year, a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-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.

Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/drama

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/drama

Earth and Environmental Sciences

WHY MANCHESTER?

- In the latest Research Exercise Framework (REF 2014), our overall result of 91% “internationally excellent” or “world-leading” research places us in the top five schools in the UK, while 100% of our research environment and impacts were also classified as “internationally excellent” or “world-leading”
- We have recently been strengthened by the addition of strong research groups, including environmental ecology and evolutionary biology
- We have excellent and unique research facilities for field, laboratory and theoretical (computer modelling) investigations, including aircraft for atmospheric studies, high-performance computers for modelling and simulation, and laboratories to handle geochemical and microbial samples for chemical, isotopic, mineralogical and microbiological analysis
- We offer internationally recognised innovative programmes, taught by experienced academics with international reputations and a strong network of industrial links

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. Within our School, a key research focus is understanding processes from nano-/molecular scales to planetary scales. Our high-impact research has implications for climate change, 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.

We offer postgraduate research opportunities in a broad range of exciting areas: atmospheric science, planetary and earth science (including palaeontology, basin studies and petroleum science, isotope geochemistry and cosmochemistry, structural and petrological geoscience), ecology, evolutionary biology and molecular environmental science. These give you the opportunity to work alongside some of the best scientists in their fields. Many of our MPhil, MSc by Research and PhD projects are linked with academic collaborators from other Schools or institutions, or with industrial collaborators.

Our cross-disciplinary centres include the Centre for Atmospheric Science, the Williamson Research Centre for Molecular Environmental Science, the Research Centre for Radwaste Disposal and the Interdisciplinary Centre for Ancient Life. In addition, we offer taught MSc courses in Pollution and Environmental Control (MPEC) which has run since 1978, and Petroleum Geoscience, which has very close links with the petroleum industry.

Taught courses

Applications in Environmental Science MSc

FT

Environmental Sciences, Policy and Management MSc (MESPOM)

FT

PT

Petroleum Exploration Geoscience MSc

FT

Petroleum Geoscience for Reservoir Development and Production MSc

FT

Pollution and Environmental Control MSc

FT

PT

Earth and Environmental Sciences (continued)

Research programmes

Adaptive Organismal Biology MPhil/PhD

FT PT

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

Plant Sciences MPhil/PhD

FT PT

Structural and Petrological Geoscience MPhil/PhD

FT PT

Contact

t: +44 (0)161 275 3470

e: pg-earth-sci@manchester.ac.uk



www.manchester.ac.uk/sees

Funding

We typically have around 12 funded or co-funded NERC DTP, NERC Oil and Gas CDT, STFC, BBSRC or EPSRC PhD scholarships available each year for applicants who are eligible to pay home fees. Exceptional international candidates may be eligible for other competitive funding opportunities. Strong links with industry mean that part or full industry funding is commonly available for selected specific projects.

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

WHY MANCHESTER?

- One of Europe's leading research departments
- Internationally renowned postgraduate training
- Wide range of master's courses
- A doctoral programme with funding possibilities

Economics at The University of 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 and Arthur Lewis. The department at present has more than 50 full-time academic members, including the managing editor of the Economic Journal and the current President of the European Economic Association.

Every year around 150 graduate students from across the world come to study economics at The University of Manchester, taking one of our MA or MSc courses.

There is also the option to undertake research for a PhD/MRes. Many students on the MA or MSc progress to a PhD, either in Manchester or elsewhere. Others find jobs with high-profile employers around the world.

Our PhD 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 Economics
- Macroeconomics
- Monetary Economics
- 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 the 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.

Taught courses

Econometrics MSc



Economics MA



Economics MSc



Economics - Environmental Economics Pathway MSc



Economics - Health Economics Pathway MSc



Economics and Econometrics MSc



Financial Economics MSc



Research programmes

Economics PhD/MRes



Funding

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

To be considered for funding, we strongly encourage you to apply early in the first or second round. Our department offers ten scholarships (which cover the tuition fee and provide an annual stipend similar to the ESRC), and a research budget for advanced students of £1,000. Several teaching assistantships are also available. For details of funding opportunities, visit our website:



www.manchester.ac.uk/socialsciences/study-with-us/fees-and-funding

Contact

Taught courses

t: +44 (0)161 275 4471 / 1296

e: pg-soss@manchester.ac.uk



www.manchester.ac.uk/economics

Research programmes

t: +44 (0)161 275 4743

e: pg-soss@manchester.ac.uk



www.manchester.ac.uk/economics

Education

WHY MANCHESTER?

- **Top five in the UK for education studies** (*Times* University League Table 2015)
- **One of the largest graduate educational research communities in the UK, with more than 1,000 postgraduate education students choosing Manchester every year**
- **Large and lively international student community drawn from educational contexts all over the world**
- **Postgraduate teacher training rated “outstanding” by Ofsted**

The Manchester Institute of Education seeks to enable evidence-informed change in educational settings throughout the world. We undertake research that's at the cutting-edge of theory and practice: 78% of our research activity was defined as “world-leading” or “internationally excellent”, and we ranked second in the UK for research intensity in the most recent Research Excellence Framework (REF 2014).

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. Home to one of the largest groups of education researchers in the UK, we seek to have a positive impact on educational organisations through our teaching, scholarly activities and collaborative partnerships with professionals.

In addition to our suite of taught master's courses and postgraduate research programmes, we offer a range of Postgraduate Certificates in Education (PGCEs): ten-month courses that enable graduates to gain a postgraduate qualification and qualified teacher status. Our PGCEs combine university-based learning and school-based placements, in which trainee teachers put their knowledge into practice.

Funding

Each year we offer a number of postgraduate taught scholarships and merit awards to outstanding applicants. To be eligible, you must have accepted an offer of a place on one of our courses. 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. Visit our website for information on funding opportunities:



www.manchester.ac.uk/seed/fees/postgraduate-taught-funding



www.manchester.ac.uk/seed/research/phd-study/funding

Careers

PGCEs are a route to train to teach and gain qualified teacher status, which is required to teach in a state-maintained or special school in England or Wales. After your PGCE, you will need to work for a year as a newly qualified teacher.

Graduates from our master's courses and our doctoral programmes go on to positions of seniority in the UK or their home country's educational system. Some go on to provide professional development for teachers, or take up advisory roles for national and international education organisations. Please visit our website to see which professional bodies accredit our courses, including the British Psychological Society and the Health and Care Professions Council.

Taught courses

Digital Technologies, Communication and Education MA

FT PT DL

Education (International) MA

FT

Educational Leadership MA

FT PT

Intercultural Communication MA *(taught in conjunction with the School of Arts, Languages and Cultures) (See p101)*

FT PT

Psychology of Education MEd

FT PT

TESOL MA

FT PT DL

Research programmes

Counselling Psychology DCounsPsych

FT

Education EdD

PT

Education PhD

FT PT

Educational and Child Psychology DEdChPsychol

FT

Postgraduate teacher training

PGCE Primary

FT

PGCE Secondary Biology

FT

PGCE Secondary Business Education

FT

PGCE Secondary Chemistry

FT

PGCE Secondary Economics and Business Education

FT

PGCE Secondary English

FT

PGCE Secondary French

FT

PGCE Secondary German

FT

PGCE Secondary Mathematics

FT

PGCE Secondary Physics

FT

PGCE Secondary Physics with Mathematics

FT

PGCE Secondary Spanish

FT

School Direct

PGCE Primary School Direct

FT

PGCE Secondary School Direct Business Education

FT

PGCE Secondary School Direct English

FT

PGCE Secondary School Direct French

FT

PGCE Secondary School Direct German

FT

PGCE Secondary School Direct Mathematics

FT

PGCE Secondary School Direct Physics with Mathematics

FT

PGCE Secondary School Direct Science Biology

FT

PGCE Secondary School Direct Science Chemistry

FT

PGCE Secondary School Direct Science Physics

FT

PGCE Secondary School Direct Spanish

FT

Contact

Taught courses

t: +44 (0)161 275 0969

e: seed.admissions@manchester.ac.uk



www.manchester.ac.uk/seed/postgraduatetaughtcourses

Research programmes

t: +44 (0)161 275 0969

e: seed.admissions@manchester.ac.uk



www.manchester.ac.uk/seed/postgraduateresearchcourses

PGCEs

t: +44 (0)161 275 3617

e: pgce@manchester.ac.uk



www.manchester.ac.uk/seed/pgce

Electrical and Electronic Engineering

WHY MANCHESTER?

- **Specialist MSc courses that attract a large number of outstanding students each year, with a range of expertise unparalleled by any other UK university**
- **Our research activities are organised into six 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 was ranked as “world-leading” or “internationally excellent” in the Research Excellence Framework 2014 (REF 2014)**
- **Our annual research income is more than £9 million, with a high industrial contribution**
- **We host the Centre for Doctoral Training in Power Networks, funded by the Engineering and Physical Sciences Research Council (EPSRC)**

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 that 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. For the first time, real-world impact was included in this assessment and we were ranked in the top three UK institutions in our discipline – a clear indication of the importance and relevance of our research. To achieve these successes, we depend on the important contributions of our students.

Taught courses

Advanced Control and Systems Engineering MSc

FT

Communication Engineering MSc

FT

Digital Signal Processing MSc

FT

Electrical Power Systems Engineering MSc

FT PT

Advanced Electrical Power Systems Engineering (two-year / 240 credits) MSc

FT

Power Electronics, Machines and Drives MSc

FT

Renewable Energy and Clean Technology MSc

FT

Research programmes

Electrical and Electronic Engineering MPhil/PhD

FT PT

Power Networks CDT PhD (see p61)

FT

Funding

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

Careers

Graduates of our MSc courses 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 of our students have obtained academic positions at a range of universities in the UK and worldwide.

Contact

Taught courses

t: +44 (0)161 306 4701

e: pgt-eee@manchester.ac.uk



www.manchester.ac.uk/eee

Research programmes

t: +44 (0)161 306 4800

e: pgr-eee@manchester.ac.uk



www.manchester.ac.uk/eee

English and American Studies

WHY MANCHESTER?

- In the latest Research Excellence Framework (REF 2014), 75% of our research outputs were graded either “world-leading” (4*) or “internationally excellent” (3*) in terms of originality, significance and rigour
- A research culture that includes seminars, masterclasses, public lectures, symposia and reading groups, as well as scheduled class time
- Our ‘Literature Live’ series provides access to the expertise of prominent writers – previous participants include Martin Amis, Eleanor Catton, Seamus Heaney, AM Homes, Hilary Mantel, Paul Muldoon, Audrey Niffenegger, Colm Tóibín, Abi Morgan, Russell T Davies and Patrick Marber
- The first UK university to have a chair in American Studies, with a library that has enjoyed the financial support of institutions like the Rockefeller Foundation and the US Embassy

English at Manchester encompasses areas of international research excellence, such as Old and Middle English Literature, Renaissance Literature, 18th-Century Studies, Romanticism, Victorian Literature and Culture, Contemporary Literature, Modern Irish and Scottish Studies, American Studies, Postcolonial and World Literatures, Gender and Sexuality, and Cultural Theory.

Many of our areas feature world-leading interdisciplinary research fields; in American Studies, for instance, this includes Hollywood film, hip-hop culture and the idea of revolution in American culture. We actively encourage

students to explore a wide range of literature and culture from a breadth of different perspectives, aided by research initiatives such as the Centre for Interdisciplinary Research in Arts and Languages (CIDRAL).

Our MA in English Studies offers diverse course units, ranging from the varieties of voice and devices used in contemporary poetry, to the story of the fall and destruction of Troy. Specialist English pathways include: Contemporary Literature and Culture (based at our Centre for New Writing); Modernism and After, which focuses on the great diversity of post-1900 literature; and Postcolonial Literatures and Cultures, which engages with cultural theory, literary history, gender and sexuality, as well as the question of representation itself.

Our MA in Gender, Sexuality and Culture examines cultural production and cultural theory in relation to other power systems, such as race, ethnicity and class. You could take part in our annual Sexuality Summer School, which addresses current debates within queer studies.

Taught courses

English Studies MA



English Studies (Contemporary Literature and Culture) MA



English Studies (Modernism and After) MA



English Studies (Postcolonial Literature and Cultures) MA



Gender, Sexuality and Culture MA



You may also be interested in Medieval and Early Modern Studies MA (see p94 for details).

Research programmes

English and American Studies PhD (and as part of interdisciplinary research projects)



Funding

Each year, a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-funding

Careers

Our postgraduates pursue successful careers as academics, as well as public and private sector roles in law, publishing, retail, teaching, 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.

Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/alc/subjects

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/alc/subjects

Environmental Engineering

WHY MANCHESTER?

- Our work in environmental engineering is closely linked to our world-leading research centres, including the Tyndall Centre for Climate Change Research, the Dalton Nuclear Institute, the Sustainable Consumption Institute, Manchester Energy and the SUPERGEN Bioenergy Hub
- We have strong teaching and research links with industry, and influence climate policy
- We have more than 200 years' expertise in teaching engineering, and many of our graduates achieve excellence on a worldwide stage
- We're one of the largest schools in Europe incorporating mechanical, aerospace and civil engineering
- 100% of our impact case studies were graded as "internationally excellent" or "world-leading" (3* or 4*), according to the Research Excellence Framework (REF 2014)

You'll obtain a thorough understanding of engineering principles coupled with excellent practical and personal transferable skills.

A stimulating research environment provides the opportunity 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 within the School and Faculty, and career development programmes. International engagement is encouraged and supported.

We collaborate extensively with industry, councils, government organisations and international partners.

Research programmes

Environmental Engineering MPhil/PhD



Funding

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



www.manchester.ac.uk/mace/study/postgraduate-research/funding

Careers

There are extensive career opportunities across environmental engineering, including academic careers, engineering and environmental consultancies, policy development roles and other influential and strategic positions.

Contact

t: +44 (0)161 306 9219

e: pg-mace@manchester.ac.uk



www.manchester.ac.uk/mace

Geography

WHY MANCHESTER?

- **Brand new custom-built geography laboratories, cutting-edge computer software and one of the UK's best university libraries**
- **Strong links with industry, providing opportunities for work placements and international fieldwork**
- **Excellent employment prospects – our graduates go on to shape environmental policy through positions in NGOs and in the public and private sectors**
- **Rated as excellent for teaching and produces research of global excellence, with 73% of our research activity defined as "world-leading" or "internationally excellent" in the most recent Research Excellence Framework (REF 2014)**

Geography has been taught at Manchester for more than 120 years. The focal point of the Industrial Revolution, Manchester is surrounded by a landscape that mixes industrial heritage with a huge diversity of impressive scenery. The city's rich landscape, heritage and cultural vibrancy make Manchester a geographically interesting region of the UK.

Our overall research ethos focuses on producing both theoretically and policy-relevant contributions to knowledge in both human and physical geography. On the human geography side, we have a strong reputation in the areas of economic, urban and social geography. On the physical geography side, we have a long tradition of research in environmental change, geomorphology and human-environment interactions.

You will be taught by passionate and experienced experts who are widely recognised for the quality of their contributions to the international research community. Our strong links with industry provide excellent opportunities for work placements and graduate employment prospects.

Taught courses

Environmental Governance MSc



Environmental Monitoring, Modelling and Reconstruction MSc



Geographical Information Science MSc



Research programmes

Human Geography PhD



Physical Geography PhD



See also: Planning and Environmental Management; Earth and Environmental Sciences.

Funding

Each year we offer a number of postgraduate taught scholarships and merit awards to outstanding applicants. To be eligible, you must have accepted an offer of a place on one of our courses. 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. Visit our website for information on funding opportunities:



www.manchester.ac.uk/seed/fees/postgraduate-taught-funding



www.manchester.ac.uk/seed/research/phd-study/funding

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. Manchester is well known for the impact and influence of our postgraduate Geography students.

Contact

Taught courses

t: +44 (0)161 275 0969

e: seed.admissions@manchester.ac.uk



www.manchester.ac.uk/seed/postgraduatetaughtcourses

Research programmes

t: +44 (0)161 275 0969

e: seed.admissions@manchester.ac.uk



www.manchester.ac.uk/seed/postgraduateresearchcourses

History

WHY MANCHESTER?

- You will work with internationally acclaimed academics in a department at the cutting edge of historical research – the recent Research Excellence Framework (REF 2014) ranked History at Manchester fourth in the UK for quality of publications
- You will draw on the rich library and archive holdings of Greater Manchester, including the world-famous special collections of the University's John Rylands Library
- We promote the employability of our students by encouraging outward-facing research and social engagement

Manchester offers you world-class expertise in a department that stands out for its chronological, geographical and methodological range. Dedicated training and individual supervision from one of our experts will support your research for either a master's or doctoral degree. As part of our vibrant research community, you'll have the opportunity to participate in departmental research seminars, workshops and masterclasses with international scholars.

Manchester offers easy access to an abundance of resources for historical research, including The John Rylands Library and Chetham's Library, the oldest public library in the English-speaking world. One of only five National Research Libraries, the University library also offers students access to one of the most extensive collections of digital resources in the UK.

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 will personalise your MA by choosing your own specialist pathway in Cultural, Modern British, Modern European, Social and Economic History, War, Conflict, and Culture, or Medieval and Early Modern Studies. You can choose whether to exploit the vocational aspects of your course, or to focus on research training for future doctoral work.

Our scholars also play a leading role in our Medieval and Early Modern Studies MA. Based at the prestigious John Rylands Research Institute, the course draws on cutting-edge research into the literatures, histories, and cultures of the European Middle Ages and Early Modern periods.

Taught courses

History MA



Medieval and Early Modern Studies MA



Research programmes

History MPhil/PhD



Funding

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-funding

Careers

We enhance the employability of our master's students through the School of Arts, Languages and Cultures' innovative work placement scheme, which features partnerships with organisations such as Manchester Histories Festival. Our PhD students also have the opportunity to engage directly with cultural organisations through our Researchers in Residence scheme.

Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/history

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/history

Humanitarianism, Conflict Response, Disaster Management and Peace-Building

WHY MANCHESTER?

- You'll have the opportunity to 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 to humanitarian education mirrors the reality of aid operations and informs both analytical and applied disciplines
- We develop an academic and professional agenda for humanitarians around the world, and provide robust, informed education for practitioners at every level
- Our groundbreaking partnership with UK-Med was shortlisted in the Social and Community Impact category of the Guardian University Awards 2015

Our Humanitarian and Conflict Response Institute (HCRI) is a centre of excellence in professionalising the humanitarian field. We offer high-quality postgraduate training on the impact and outcomes of contemporary and historical crises. We take a multidisciplinary approach to facilitate improvements in crisis response, allowing students from a variety of disciplines to apply their knowledge.

HCRI connects teaching, research and practice, while also keeping an independent critical perspective. Our researchers are also accomplished practitioners and have an impact far beyond the Institute, influencing major NGOs, charities, policy and regulation on a global scale.

We analyse humanitarian action, combining historical, political and cultural depth with practice-based perspectives on humanitarian interventions and their characteristics, theoretical models and operational boundaries. You will have the opportunity to work with and learn from leading practitioners from the UK and overseas, as well as the chance to undertake placements with key humanitarian organisations.

Our postgraduate research trips enable access to areas recovering from disasters and/or conflict. Students can travel to countries such as Uganda and Rwanda to critically interrogate humanitarian practices through the design and implementation of an individual research project. An additional trip (compulsory for MA Peace and Conflict Studies students) to locations such as Bosnia or Cyprus explores practical approaches to studying conflict-affected societies through conflict-sensitive research methodologies.

With experience in global health, humanitarian interventions, conflict response, aid policy and international disasters, HCRI is ideally placed to provide students and researchers with educational opportunities perfectly suited to the modern aid climate.

Taught courses

Disaster Management (Resilience, Response and Relief) MSc (online distance learning in collaboration with The Hong Kong Polytechnic University)



Global Health MSc/PGCert/PGDip



Humanitarianism and Conflict Response MA



International Disaster Management MSc



Peace and Conflict Studies MA



Research programmes

Humanitarianism and Conflict Response PhD



Funding

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-funding

Careers

The specialist skills that our programmes develop equip graduates with a host of career and further study options: from international institutions, such as the UN Peacebuilding Commission, to think-tanks; 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.

Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/hcri

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/hcri

International Development

WHY MANCHESTER?

- Our Global Development Institute (GDI) is the largest dedicated international development research and teaching institute in Europe, having united the Institute for Development Policy and Management and the Brookes World Poverty Institute in 2016
- Ranked third in the world for development studies (QS World University Rankings 2015)
- Teaching and research of the highest quality, with 78% of research judged to be “internationally excellent” or “world-leading” in the most recent Research Excellence Framework (REF 2014)
- Opportunities to apply skills practically on field trips in the UK and overseas

Through education, research, and policy analysis, the 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, are able to enjoy a decent life.

We have a large and diverse postgraduate population and alumni network that stretches around the world. The combined field experience of our staff covers more than 60 countries. Our specialisms cover different academic disciplines, combined with a focus on the practical problems of policy formulation, planning and management, and an understanding of the context of international development. We host several research centres with exceptional academics who are active in researching topics and issues of international significance.

Our research has been consistently rated at the highest level and regularly makes significant impact around the world. We have more than 50 years of experience in providing thinkers and practitioners who can provide solutions to the growing complex challenges facing organisations, institutions and society today.

Taught courses

Development Economics and Policy MSc

FT PT

Development Finance MSc

FT PT

Global Urban Development and Planning MSc
(See p115)

FT PT

Human Resource Development (International Development) MSc

FT PT

Human Resource Management (International Development) MSc

FT PT

Human Resource Management and Development (International Development) MSc

DL

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 programmes

Development Policy and Management PhD

FT PT

Humanitarianism and Conflict Response PhD (see p95)

FT PT

See also: Humanitarianism, Conflict Response, Disaster Management and Peace-Building; Alliance Manchester Business School

Funding

The Institute is offering a number of postgraduate taught scholarships to outstanding applicants from the UK and overseas. To be eligible, you must have received an unconditional offer of a place on one of our courses. Visit our website for information on funding opportunities:



www.manchester.ac.uk/seed/fees/postgraduate-taught-funding



www.manchester.ac.uk/seed/research/phd-study/funding

Careers

Our courses will equip you with the skills necessary to take up specialist positions in development-related NGOs and in public and private organisations, both 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.

Contact

Taught courses

t: +44 (0)161 275 0969

e: seed.admissions@manchester.ac.uk



www.manchester.ac.uk/seed/postgraduatetaughtcourses

Research programmes

t: +44 (0)161 275 0969

e: seed.admissions@manchester.ac.uk



www.manchester.ac.uk/seed/postgraduateresearchcourses

Languages and Cultures

WHY MANCHESTER?

- **The 2014 Research Excellence Framework (REF 2014) confirmed the University as a leading centre for research in Modern Languages and Linguistics, ranking third in the UK in terms of research power**
- **Benefit from access to one of the UK's leading research libraries and the resources of our state-of-the-art 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 for students to explore links between language and performance across a range of arts genres, from song to theatre**

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 in close partnership with Alliance Française de Manchester to offer a programme of 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. A lively research culture is maintained through regular research seminars, PhD forums, masterclasses, and academic conferences, often in collaboration with other disciplines. We have one of the most active student societies at the University, as well as strong links with the Goethe-Institut and the Austrian Cultural Forum, which sponsor a varied programme of cultural events.

Italian Studies

Manchester's 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, while The John Rylands Library houses a world-class holding of early Italian printed books from the Spencer, Christie, and Bullock collections.

Russian and Eastern European Studies

Russian and East European Studies at Manchester is one of the most highly regarded UK departments in its field, boasting 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 leading institution in the UK for Spanish, Portuguese and Latin American studies. Our outstanding research feeds into innovative teaching, making us one of the best institutions in the country for studying Spanish and Portuguese. Our experts actively engage with the transregional and transnational exchanges between local communities, nations and regions, not least those established between Europe and the wider Atlantic world. Our 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 will form part of an internationally diverse and engaged body of students who participate actively in research activities, supplemented by strong links with Manchester-based cultural 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. We offer a wide range of internationally recognised research supervisory expertise, including in 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 (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 students with a deep knowledge and rich experience of two East Asian powerhouses, we deliver 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.

Research programmes

Arab World Studies PhD



Chinese Studies MPhil/PhD



East Asian Studies MPhil/PhD



French Studies MPhil/PhD



German Studies MPhil/PhD



Italian Studies MPhil/PhD



Japanese Studies MPhil/PhD



Latin American Cultural Studies MPhil/PhD



Middle Eastern Studies MPhil/PhD



Polish Studies MPhil/PhD



Portuguese Studies MPhil/PhD



Russian Studies MPhil/PhD



Spanish Studies MPhil/PhD



You may also be interested in Translation, Interpretation and Intercultural Studies (see p125) and Linguistics and English Language (see p101).

Funding

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-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.

Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/languages

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/languages

WHY MANCHESTER?

- More than 140 years' experience in providing high-quality and internationally focused legal education, and one of the broadest ranges of specialisms in the UK for law, health care and ethics, and criminology
- You'll be taught by world-class academics with diverse research specialisms and backgrounds, including legal scholars, bioethicists, social scientists, sociologists, psychologists, criminologists and philosophers
- Our well-established and hugely successful Legal Advice Centre provides a much-needed service to the local community – and provides our students with the opportunity to work with local lawyers to advise the public

Law

Our exciting range of postgraduate law 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

Our 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.

Healthcare

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 by offering taught courses and research programmes.

Taught courses

Corporate Governance LLM

FT

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

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

Research programmes

Bioethics and Medical Jurisprudence PhD

FT PT

Criminology MPhil/PhD

FT PT

Law MPhil/PhD

FT PT

Funding

We offer a range of bursary and scholarship opportunities for postgraduate students.



www.manchester.ac.uk/law/study/fees-and-funding

Careers

Recent graduates have entered high-profile specialist roles in fields as diverse as finance, health care, criminal justice, business, central government and the legal profession.

Contact

Taught courses

t: +44 (0) 161 306 1270

e: pg-law@manchester.ac.uk



www.manchester.ac.uk/lawschool

Research programmes

t: +44 (0) 161 306 1279

e: research-law@manchester.ac.uk



www.manchester.ac.uk/lawschool

Linguistics and English Language

WHY MANCHESTER?

- **The latest Research Excellence Framework (REF 2014) confirmed the University as a leading centre for research in modern languages and linguistics, ranking third in the UK in terms of research power**
- **Our internationally renowned staff offer strengths in an unrivalled breadth of subject areas and theoretical approaches, as well as in a range of practical applications such as language codification and language policy, institutional language, and language in the community**
- **You will have access to cutting-edge resources, including: our psycholinguistics and phonetics laboratories with facilities for signal analysis, speech synthesis, laryngography and electropalatography; extensive specialist software; and extensive linguistic collections at the University Library**

Our Linguistics programmes (MA/PhD) offer 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, language acquisition and the documentation of endangered languages. In addition, our multidisciplinary Intercultural Communication (MA) course offers exposure to pioneering critical approaches to intercultural awareness and communication styles.

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 psychological and cognitive make-up and of our society on language, covering a wealth of themes including identity, power and the acquisition of language. Immersed in a local area encompassing more than 200 spoken languages, Manchester offers a vibrant multicultural language experience and an ideal opportunity to practically explore variation, cross-cultural references and social impacts.

You'll have access to our dedicated graduate school: an online and physical postgraduate community designed to stimulate collaboration and networking among taught course students and researchers. As well as providing purpose-built resources, the graduate school delivers training, workshop sessions and programmes, each designed to foster the continual professional development of our postgraduates.

Taught courses

Intercultural Communication MA



Linguistics MA/PGDip



Research programmes

English Language PhD



Linguistics MPhil/PhD



See also: 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, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-funding

Careers

Study in Linguistics and English Language will equip you with a range of sought-after transferable skills, including written and oral communication skills, computing skills, intercultural awareness and research methods. Prospective career destinations for our graduates include language teaching, language policy, speech and language therapy, publishing and communications.

Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/lel

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/lel

Materials

WHY MANCHESTER?

- National research centres in composites, energy materials, performance of materials and imaging of materials giving unique capability to process and analyse materials of all types
- 100% of our research environment rated “internationally excellent” or “world-leading” (REF 2014)
- Access to state-of-the-art research facilities, including 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, and in cutting-edge textile design and fashion business

Our postgraduate programmes are academically challenging and forward-thinking. Industry drives their content, and we invite many to work alongside us in our strategic development, ensuring that we retain our international standing as a centre of excellence and innovation in materials – and that our courses are designed with graduate employability in mind.

Taught courses

Advanced Engineering Materials MSc

FT

Biomaterials MSc

FT

Corrosion Control Engineering MSc

FT

International Fashion Marketing MSc

FT

International Fashion (Multichannel Marketing) MSc

FT

International Fashion Retailing MSc

FT

International Fashion Retailing (Business Process Improvement) MSc

FT

Polymer Materials Science and Engineering MSc

FT

Textile Technology (Technical Textiles) MSc

FT

Research programmes

Advanced Metallic Systems CDT PhD (see p61)

FT PT

Biomedical Materials MPhil/MSc by Research/PhD

FT PT

Ceramics and Glasses MPhil/MSc by Research/PhD

FT PT

Composite Materials MSc by Research/PhD

FT PT

Corrosion and Protection MSc by Research/MPhil/PhD

FT PT

Materials MPhil/MSc by Research/PhD

FT PT

Materials for Demanding Environments CTD PhD (see p61)

FT PT

Metallic Materials MPhil/MSc by Research/PhD

FT PT

Nanostructured Materials MPhil/MSc by Research/PhD

FT PT

Paper Science MPhil/MSc by Research/PhD

FT PT

Polymer Science and Engineering MPhil/MSc by Research/PhD

FT PT

Technical Textiles MSc by Research

FT PT

Textile Design, Fashion and Management MPhil/MSc by Research/PhD

FT PT

Textiles and Fashion MEnt

FT PT

Textiles, Science and Technology MPhil/MSc by Research/PhD

FT PT

Funding

In order to cultivate academic talent and 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 up 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.

Contact

t: +44 (0)161 306 3559

e: pg-materials@manchester.ac.uk



www.manchester.ac.uk/materials/study/postgraduate-taught



www.manchester.ac.uk/materials/study/postgraduate-research

Mathematics

WHY MANCHESTER?

- Ranked sixth in the UK in the latest Research Excellence Framework (REF 2014) based on our research power – 90% of our research activity was rated “internationally excellent” or “world-leading”
- Commended in REF 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

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 actively 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.

Taught courses

Actuarial Science MSc

FT PT

Applied Mathematics MSc

FT PT

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

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 scholarships available for MSc students.

Further details of funding opportunities are available at:



www.manchester.ac.uk/maths/study/postgraduate/fees-and-funding

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 significantly increases students' 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.

Contacts

Taught courses

t: +44 (0)161 275 0174

e: pgt-maths@manchester.ac.uk



www.manchester.ac.uk/maths

Research programmes

t: +44 (0)161 275 0178

e: pgr-maths@manchester.ac.uk



www.manchester.ac.uk/maths

Mechanical Engineering

WHY MANCHESTER?

- We have a strong foundation in technical skills and promote the development of conceptual creativity, making our graduates highly sought after by industry
- Our programmes integrate advanced engineering techniques with hands-on learning to provide a complementary blend of skills that employers look for
- We have strong teaching and research links with more than 300 companies, including industrial links with National Instruments, Rolls-Royce, EDF, BP, MBDA and ESTEC/ESA
- We are one of the largest schools in Europe, incorporating mechanical, aerospace and civil engineering
- 100% of our impact case studies were graded as “internationally excellent” or “world-leading” (3* or 4*) in the latest Research Excellence Framework (REF 2014)

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.

The School has a vibrant environment with high-calibre facilities and strong links with industry. We 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 a 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.

Taught courses

Advanced Manufacturing Technology and Systems Management MSc

FT

Mechanical Engineering Design MSc

FT

Reliability Engineering and Asset Management MSc

FT

Thermal Power and Fluid Engineering MSc

FT

Research programmes

Mechanical Engineering MPhil/PhD

FT PT

Nuclear Engineering MPhil/ PhD

FT PT

Funding

For more about funding opportunities, including our President's Doctoral Scholar Award and other external funding schemes, please see:



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.

Contact

t: +44 (0)161 306 9219

e: pg-mace@manchester.ac.uk



www.manchester.ac.uk/mace

Medical Sciences

WHY MANCHESTER?

- Our master's and diploma courses will provide you with cutting-edge professional training to aid your career development in the medical sciences
- We provide research settings that give you scope to network with fellow students and postdoctoral colleagues, in addition to your immediate supervisory team
- You'll be encouraged to share good practice across disciplines, giving you the opportunity to meet others, organise specific training, or work in an alternative environment
- 85% of our research is rated "internationally excellent" or "world-leading" (3* or 4*) (REF 2014)
- Be part of our graduate school, which acts as the hub for our postgraduate research community

Our postgraduate taught courses have been developed to 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 intensive grounding in health care subjects. Our Master of Research (MRes) programmes are designed to give you a real taste of research and what is required of a professional researcher.

The research training we provide (MPhil/MD/PhD) 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 development and career prospects.

Taught courses

Cancer Research and Molecular Biomedicine MSc

FT

Cardiovascular Health and Disease MRes

FT

Clinical Biochemistry MSc

FT

Clinical Immunology MSc/PGDip

FT

Clinical Science (Blood Sciences) MSc

PT

Experimental Cancer Medicine MRes

FT

Health Data Science MSc

FT

PT

History of Science, Technology and Medicine MSc

FT

PT

Investigative Ophthalmology and Vision Science MSc

FT

PT

Medical Education MSc/PGDip/PGCert

PT

Medical Humanities MSc

FT

PT

Medical Sciences MRes

FT

Molecular Pathology MSc

PT

Occupational Hygiene (blended learning)
MSc/PGDip/PGCert

PT

DL

Occupational Medicine (blended learning)
MSc/AdvDip/PGCert/CPD

PT

DL

Medical Sciences (continued)

Oncology MRes

FT

Physician Associate Studies PGDip

FT

Reproduction and Pregnancy MRes

FT

Science Communication MSc

FT PT

Research programmes

Medicine MD/MPhil/PhD

FT PT

Funding

We offer a number of tuition fee bursaries for our master's courses. Find out more on our website:



www.manchester.ac.uk/mhs/study/masters/funding

We offer several funded studentships for our research programmes. Our current students are funded by sources such as the British Heart Foundation, Medical Research Council, Biotechnology and Biological Sciences Research Council, the National Institute for Health Research, Wellcome Trust and others. Funded PhD project opportunities can be found online:



www.manchester.ac.uk/mhs/study/research/studentships-and-funding

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.

Contact

Taught courses

t: +44 (0)161 275 5688

e: pgt.medicine@manchester.ac.uk



www.manchester.ac.uk/mhs/study/masters

Research programmes

t: +44 (0)161 275 5688

e: pg.medicine@manchester.ac.uk



www.manchester.ac.uk/mhs/study/research

Mental Health

WHY MANCHESTER?

- You will receive skills training designed to prepare you for a range of positions
- Opportunities for networking and sharing good practice across disciplines
- 83% of our research is “internationally excellent” or “world-leading” (3* or 4*), according to the most recent Research Excellence Framework (REF 2014)
- Be part of our graduate school, which acts as the hub for our postgraduate research community, providing links to a diverse range of study, from short-term professionally linked programmes, through to research training in multidisciplinary areas

Most of our mental health postgraduate programmes are aimed at health and social work professionals already working in the field. You will 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.

Taught courses

Advanced Practice in Forensic Mental Health
MSc/PGDip

FT **PT**

Advanced Practice Interventions in Mental Health
(APIMH) MSc /PGDip

See Nursing on p110

PT

Approved Mental Health Professional Practice
(AMHP training) PGCert

PT

Forensic Psychology and Mental Health MSc/PGDip

FT **PT**

Research programmes

Medicine MPhil/MD/PhD

FT **PT**

Funding

We offer a number of funded studentships for our research programmes. Our current students are funded by the Medical Research Council, Biotechnology and Biological Sciences Research Council, National Institute for Health Research and Alzheimer's Research UK, to name but a few. Funded PhD project opportunities can be found online at:



www.manchester.ac.uk/mhs/study/research/studentships-and-funding

Careers

Many of our master's students are already employed in the mental health sector and undertake study to further their careers. The programmes we offer place our graduates in the best position to enhance their career prospects. Most of our PhD graduates progress into postdoctoral or academic posts in UK universities, or have been employed in senior clinical positions within NHS trusts.

Contact

Taught courses

t: +44 (0)161 275 5688

e: pgt.medicine@manchester.ac.uk



www.manchester.ac.uk/mhs/study/masters

Research programmes

t: +44 (0)161 275 5688

e: pg.medicine@manchester.ac.uk



www.manchester.ac.uk/mhs/study/research

Museology

WHY MANCHESTER?

- Our alumni have reached senior positions in museums and galleries throughout the UK and overseas
- We have strong working relationships with museums and galleries throughout Britain and overseas – our students undertake placements and research with a host of institutions such as HOME, TATE Liverpool, Imperial War Museum North and the Museum of Science and Industry
- Our staff and students work closely with the University's Manchester Museum and The Whitworth in practice-based learning and research projects

Art Gallery and Museum Studies has been taught at The University of Manchester for more than 40 years. It is one of the longest established MA degree courses in museum studies in the country. Study with us and you'll examine current and emerging museum practices with leading professionals and academics in the field.

We aim to promote academic and professional collaboration with the museum 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 Arts Management and Cultural Policy to provide postgraduate and professional programmes that combine academic excellence with work-based training.

Our taught courses cover a multitude of practical subject areas, including collection management, exhibition management, art curating, ethnography curating, museum learning, digital heritage and sector-specific business strategies. Our MA students acquire practical experience in the shape of behind-the-scenes activity and audience engagement work, courtesy of placements and live collaborative projects with local museums and galleries.

Our PhD students benefit from the rich cultural scene of the city and region, and the interdisciplinary environment of the ICP. Our extensive research specialisms include themes such as: digital curating in museums; galleries and heritage environments; exhibition history and theory; history and practice of the art market; collecting and knowledge production; and migrant engagement with ethnographic collections.

Early and mid-career professionals can also develop their knowledge in particular areas of museum practice through our range of stand-alone creative professional development modules.

Taught courses

Art Gallery and Museum Studies MA



Research programmes

Museology PhD



Museology Professional Doctorate



Funding

Each year, a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-funding

Careers

A significant number of ICP alumni have gone to pursue successful careers in the arts and cultural sectors at home and overseas, including as Development Officer at the Victoria and Albert Museum, Assistant Curator of Fine Art at National Museums Liverpool, and Project Manager of the China Shanghai International Arts Festival.

Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/icp

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/icp

Music

WHY MANCHESTER?

- In the latest Research Excellence Framework (REF 2014), 85% of our individual research outputs were rated as “world-leading” (4*) or “internationally excellent” (3*) in terms of their originality, significance and rigour, and 100% of our research environment and research impact was graded “outstanding” or “very considerable”
- You'll work with world-class academics from a wide range of sub-disciplines, including medieval and contemporary music cultures, analysis, ethnomusicology, instrumental/vocal composition, and electroacoustic composition
- Facilities include the state-of-the-art NOVARS electroacoustic studios, the Martin Harris Centre and one of the UK's leading research libraries

Combine your specific research interests with a solid methodological foundation in our flexible programmes. Study alongside international leaders in musicology and ethnomusicology, together with award-winning composers. Our research interests span multiple genres, from baroque music theory and performance practice, to electroacoustic composition and game audio.

As a musicologist or ethnomusicologist, you will engage with the latest theoretical debates and explore interdisciplinary perspectives alongside original research. As a composer or sound artist, you will 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 in the context of events such as the Manchester Theatre in Sound Festival (MANTIS) and the Locativeaudio Festival. Diverse specialist master's 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.

Your studies will be supported by cutting-edge facilities in our Martin Harris Centre for Music and Drama, and the adjacent NOVARS Research Centre for Electroacoustic Composition, Performance and Sound Art. Our research community features regular musicology and composers' forums, performance seminars and composition workshops and masterclasses.

Manchester is home to more professional music-making than any UK city outside of London, including three professional orchestras – the Hallé, BBC Philharmonic and Manchester Camerata – alongside other internationally recognised institutions such as the BBC and Bridgewater Hall.

Taught courses

Composition (Electroacoustic Music and Interactive Media) MusM



Composition (Instrumental and Vocal) MusM



Music (Ethnomusicology) MusM



Music (Musicology) MusM



Research programmes

Composition PhD



Electroacoustic Composition PhD



Music PhD



Musicology PhD



Funding

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-funding

Careers

Our graduates have pursued successful careers in musical and non-musical fields. Some secure academic positions in the UK or overseas, while others develop international careers as composers. Other professions include arts management, music publishing, journalism, librarianship, accountancy, law and social work.

Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/music

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/music

Nursing and Midwifery

WHY MANCHESTER?

- We developed England's first nursing degree, and have a well-established history of providing excellent nursing, midwifery and allied health care professional education
- We're one of Europe's leading nursing education and research centres, providing a broad range of postgraduate post-qualifying courses and MPhil/PhD programmes
- Our close relationship with a range of NHS trusts across Greater Manchester and the north-west region provides excellent and varied facilities for clinical practice
- 88% of our research is rated "internationally excellent" or "world-leading" (3* or 4*), according to the most recent Research Excellence Framework (REF 2014)
- Be part of our graduate school, which acts as the hub for our postgraduate research community

Strong links with the NHS enable us to offer 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 to equip you for roles within 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. 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 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, we offer continuing professional development units.

Taught courses

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

Advanced Practice and Leadership MSc

FT PT

- Advanced Midwifery Practice and Leadership pathway MSc
- Advanced Nursing Practice and Leadership pathway MSc (for adult, child and mental health nurses)
- Advanced Professional Practice and Leadership pathway MSc
- Advanced Social Work Practice and Leadership pathway MSc

Clinical Research MSc

FT PT

Health and Social Care MRes HSC

FT PT

Social Work MA

FT

Research programmes

Midwifery MPhil/PhD



Nursing MPhil/PhD



Funding

National Institute for Health Research funded studentships may be available to a limited number of successful candidates for our MClin Res course. The Advanced Practice Interventions for Mental Health (APIMH) and Advanced Practice and Leadership pathways are funded through a contract between the University and HE North West. All programmes are available for self-funded students.

Careers

and professional knowledge to make a positive impact on your area of work.

Contact

t: +44 (0)161 306 0270

e: graduate.nursing@manchester.ac.uk



www.manchester.ac.uk/nursing/study/masters



www.manchester.ac.uk/nursing/study/research

Pharmacy

WHY MANCHESTER?

- A leading centre for pharmacy research, judged number one in the UK in the most recent Research Excellence Framework (REF 2014)
- Study innovative courses that can be completed through online distance learning
- Benefit from our close working relationship with local hospitals (we have made joint appointments to the posts of clinical lectureships)
- 88% of our research is ranked “internationally excellent” or “world-leading” (3* or 4*) (REF 2014)
- We’re known nationally and 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; and evaluation of pharmacy services
- Be part of our graduate school, which acts as the hub for our postgraduate research community

Manchester first offered pharmacy education in 1883 and was the first in the UK to offer degrees in pharmacy in 1904.

If you are a hospital pharmacist, community pharmacist, or industrial scientist, we offer a wide range of options tailored to support your career development. We also provide PhD

programmes in a variety of fields, and recently introduced a new PhD for international students that incorporates an accredited postgraduate teaching certificate.

Learn from experts in the field of pharmacy through our close links with the Centre for Pharmacy Postgraduate Education: a national provider of continuing professional development programmes for pharmacists and pharmacy technicians across England.

You will benefit from our world-leading research experience, which includes basic pharmaceutical science through to applied pharmacy practice and multidisciplinary research – which has demonstrable impact for patients and the public.

Taught courses

Advanced Clinical Skills Short Course



Advanced Specialist Training in Emergency Medicine (ASTEM) PGCert



Independent Prescribing Short Course



Pharmaceutical Industrial Advanced Training (PIAT) MSc/PGDip/PGCert



- Clinical Trials pathway
- Industrial Pharmacy pathway
- Pharmaceutical Business Development and Licensing pathway
- Pharmaceutical Microbiology pathway

Pharmaceutical Technology and Quality Assurance MSc/PGDip/PGCert



Research programmes

Pharmacy and Pharmaceutical Sciences MPhil/PhD



Funding

Pharmacists working or living in the north-west of England can apply for Health Education North West funding for taught course units. For more information, visit the CPD-Apply website:



<https://wsecure.wirral.nhs.uk/PQCPD>

We offer several funded studentships for our research programmes. Our current students are funded by sources such as the Medical Research Council, Biotechnology and Biological Sciences Research Council and industrial partners such as AstraZeneca.

Careers

Our postgraduate qualifications allow you to develop your chosen career path within the pharmacy profession by providing advanced clinical knowledge, problem-solving skills and a critical awareness of the role of pharmaceutical services within the workplace.

Contact

Taught courses

t: +44 (0)161 306 0604

e: pgtpharmacy@manchester.ac.uk



www.manchester.ac.uk/pharmacy/study/masters

Research programmes

t: +44 (0)161 306 0604

e: pharmgrad@manchester.ac.uk



www.manchester.ac.uk/pharmacy/study/postgraduate-research

Philosophy

WHY MANCHESTER?

- We offer teaching and supervision in a wide range of areas of analytical philosophy
- Our staff have published extensively in most major areas of philosophy
- Our MA and PhD programmes offer dedicated support in dissertation planning, research and presentation skills
- Our master's courses offer small seminar-style classes with an emphasis on staff-student interaction
- We have a thriving postgraduate community with dedicated open plan office space within the Philosophy discipline area
- Each year we organise a variety of workshops and conferences specifically for our postgraduate students

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, including recently: Trust (2014); Collective Obligation (2014); Emotion and Social Cognition (2014); The Subjective Structure of Consciousness (2014); Knowledge of Emotion (2015); Justice and Work (2015); Sharing (2015); and The British Society for the Philosophy of Science Annual Conference (2015). We are also home to a number of funded research projects, including BIOMOT [on Biodiversity] (2011–15); The Foundations of Ontology (2011–14); Knowledge of Emotion: Expression and Social Cognition (2012–16); and The Architecture of Consciousness (2012–17).

Taught courses

Philosophy MA



Political Science – Philosophy and Political Theory MA



Research programmes

Philosophy PhD



Funding

For details of funding opportunities, see:



www.manchester.ac.uk/socialsciences/subjects/philosophy/postgraduate-research/phd-funding

Careers

We strongly encourage all our postgraduates to present work in Manchester and at external conferences. We also run an annual employability workshop, and provide opportunities to be involved with conference organisation.

We offer 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 students to prepare work for publication in consultation with their supervisor, and 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.

Contact

Taught courses

t: +44 (0)161 275 1296/4471

e: pg-soss@manchester.ac.uk



www.manchester.ac.uk/philosophy

Research programmes

t: +44 (0)161 275 1296

e: pg-soss@manchester.ac.uk



www.manchester.ac.uk/philosophy

Physics and Astronomy

WHY MANCHESTER?

- One of the largest and most active schools of physics and astronomy in the UK, with more than 150 academic and research staff, including two Nobel laureates
- The School ranked second in the UK and joint 13th in the world in the 2014 Academic Ranking of World Universities in physics (ARWU), based on a wide range of measures of research performance
- Our facilities, including Jodrell Bank Observatory and the Photon Science Institute, rival those of other leading universities worldwide
- Professors Andre Geim and Kostya Novoselov won the 2010 Nobel Prize in Physics for isolating the properties of two-dimensional wonder material graphene
- In the 2014 Research Assessment Framework (REF 2014), we ranked equal third in the UK for world-leading research, and first in the UK for the real-world impact of our research

We are 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 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. We strive to shape the international agenda in collaboration with our partners in industry, government and academia.

We have a strong presence in a number of Manchester-based centres for multidisciplinary research, including the Photon Science Institute, the Centre for Nonlinear Dynamics, the Dalton Nuclear Institute, and the Mesoscience and Nanotechnology Centre. Our world-leading facilities include the famous Lovell Telescope and the e-MERLIN/VLBI National Facility. The international Square Kilometre Array Organisation Headquarters is hosted at our Jodrell Bank Observatory.

We are being awarded Juno Champion status by the Institute of Physics in 2016, in recognition of our commitment to equality and diversity.

Taught courses

Nuclear Science and Technology MSc/PGDip/PGCert



Research programmes

Astronomy and Astrophysics MSc by Research/PhD



Biological Physics PhD



Condensed Matter Physics PhD



Graphene NOWNANO CDT PhD (see p61)



Next Generation Nuclear CDT PhD (see p61)



Nonlinear Physics MSc by Research/PhD



Nuclear Physics MSc by Research/PhD



Particle Physics MSc by Research/PhD



Physics PhD



Photon Physics PhD



Soft Matter and Liquid Crystals Physics MSc by Research/PhD



Theoretical Physics PhD



Funding

Our School offers research council (EPSRC and STFC) studentships to suitably qualified home/EU candidates, and a number of bursaries to supplement the funding of international and EU candidates.

Careers

The destinations of our graduates are many and diverse. Some take up postdoctoral research in the UK or abroad, and may go on to pursue an academic career. A significant proportion go into research jobs in industry in the UK or overseas. 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.

Contact

t: +44 (0)161 306 3673

e: pg.physics@manchester.ac.uk

 www.manchester.ac.uk/physics

Planning and Environmental Management

WHY MANCHESTER?

- One of the longest established and largest professionally recognised planning schools in the UK, renowned internationally for the quality of our teaching and research
- Develop and apply practical skills through project-based learning in our laboratories, studio and workshop spaces, along with field research and opportunities for international field trips
- Manchester has the largest concentration of professional practices outside London, making this an excellent place to undertake postgraduate studies
- Strong professional links with planners, urban developers, real estate practitioners and environmental managers

As the world's first industrial city and now a vibrant 21st-century metropolis, Manchester is a place of major urban change with plenty of 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, with many active connections across discipline boundaries.

We have an active research culture with a strong commitment to working at the cutting edge of current practice. Our research covers four key themes: spatial analysis, policy evaluation and decision support; territorial governance, politics and planning; sustainable urbanism and environmental resilience; and international planning and global urban research. In the most recent

Research Excellence Framework (REF 2014), 75% of our research activity was ranked as "world-leading" or "internationally excellent".

Our problem-based approach to learning will inspire you to think critically and creatively, cultivate your independence and make you more attractive to employers. 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).

Funding

Each year we offer a number of postgraduate taught scholarships and merit awards to outstanding applicants. To be eligible, you must have accepted an offer of a place on one of our courses. 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. Visit our website for information on funding opportunities:



www.manchester.ac.uk/seed/fees/postgraduate-taught-funding



www.manchester.ac.uk/seed/research/phd-study/funding

Careers

Our graduates have gone on to gain employment, or further their careers, in: environmental agencies and consultancies; private planning practices; real estate

management; national and regional government (UK and overseas); local authorities; non-governmental and international development organisations; and the water, energy and industrial sectors.

Taught courses

Environmental Impact Assessment and Management MSc



Global Urban Development and Planning MSc



Planning MSc



Real Estate Asset Management MSc



Real Estate Development MSc



Urban Design and International Planning MSc



Urban Regeneration and Development MSc



Research programmes

Planning and Environmental Management PhD



Power Networks CDT PhD (See p61)



See also Architecture, Geography.

Contact

t: +44 (0)161 275 0969

e: seed.admissions@manchester.ac.uk



www.manchester.ac.uk/seed

Politics

WHY MANCHESTER?

- We are one of the largest and strongest politics departments in the UK, with a long and distinguished history as a centre of research and education at postgraduate level
- We have distinctive research strengths in analytical political theory, comparative public policy, electoral politics, critical international political economy and poststructuralist international relations
- Our graduates have pursued careers in a range of different areas, from teaching, journalism and law, to accountancy, retail and business management

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 the local, national, and global level? How do political parties win elections and govern successfully? And how do we change the world we live in? These are but a few of the questions we consider in politics 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.

So whether it is 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. In political studies we grapple with fundamental questions of how we think about, 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.

The University of Manchester is also home to the British Election Study, 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 managed by a scientific leadership team based at the universities of Manchester, Oxford and Nottingham and funded by the Economic and Social Research Council, and offers exciting opportunities for graduate study within the area of electoral politics.

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 pathway (research route) MA

FT PT

International Political Economy pathway (standard route) MA

FT PT

International Relations pathway (research route) MA

FT PT

International Relations pathway (standard route) 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 (research route) MA

FT **PT**

Political Science - Philosophy and Political Theory (standard route) MA

FT **PT**

Political Science - Political Theory pathway (research route) MA

FT **PT**

Political Science - Political Theory pathway (standard route) MA

FT **PT**

Politics MA

FT **PT**

Research programmes

Applied Social Research PhD

FT **PT**

Politics PhD

FT **PT**

Funding

For more information about the awards available to MA and PhD students, see:



www.manchester.ac.uk/socialsciences/study-with-us/fees-and-funding

Careers

A politics degree qualifies you for a wide range of professional employment. Recent Politics graduates have pursued careers in many different areas, taking positions with government organisations, political parties, and international NGOs. They are also employed in teaching, journalism, law, accountancy and management.

The multidisciplinary nature of our degrees gives students the transferable and specific skills they need for many different careers.

Contact

Taught courses

t: +44 (0)161 275 4471/1296

e: pg-soss@manchester.ac.uk



www.manchester.ac.uk/politics

Research programmes

t: +44 (0)161 275 4743

e: pg-soss@manchester.ac.uk



www.manchester.ac.uk/politics

Psychological Sciences

WHY MANCHESTER?

- Be part of an environment where our research influences, underpins and delivers improved services in international health care and education
- 83% of our research has been 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 Universities of Liverpool and Lancaster, 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 part of our graduate school, which acts as the hub for our postgraduate research community

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. Our MSc in Clinical and Health Psychology combines the academic grounding for both disciplines, and our MSc in Health Psychology offers the British Psychological Society-accredited 'stage one' training for health psychologists. Our MSc in Neuroimaging for Clinical and Cognitive Neuroscience will provide you with the theoretical and practical skills required to carry out high-quality cognitive brain imaging work in healthy individuals and patient populations.

Taught courses

Clinical and Health Psychology MSc

FT

Health Psychology MSc

FT PT

Psychology MRes

FT PT

Research programmes

Clinical Psychology ClinPsyD/MPhil/PhD

FT PT

Psychology MPhil/PhD

FT PT

See also Audiology.

Funding

We offer several funded studentships for our research programmes. Our current students are funded by sources such as the Medical Research Council, Biotechnology and Biological Sciences Research Council, National Institute for Health Research, Mental Health Research UK and Stroke Association.

A limited number of £2,000 bursaries are available this year for master's courses. Please contact us for more information.

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.

Contact

Taught courses

t: +44 (0)161 275 2585

e: pg.psychology@manchester.ac.uk



www.manchester.ac.uk/psych-sci/study/masters

Research programmes

t: +44 (0)161 306 0259

e: pg.psychology@manchester.ac.uk



www.manchester.ac.uk/psych-sci/study/research

WHY MANCHESTER?

- Our Master of Public Health, Master of Research (Public Health and Primary Care), Postgraduate Diploma, Certificate and CPD courses are modular and online, ideal for fitting study around other commitments
- A dedicated team of e-learning academic and administration specialists support you throughout your studies on a one-to-one basis
- Our expert tutors have a research and service background in public health, primary care, health services management and other related specialties that allows us to develop programmes tailored to your needs and vocational aspirations
- Our students and alumni are our best assets and you'll find a huge range of experts based in organisations across the globe, from the World Health Organisation (WHO) to local government offices
- Be part of our graduate school, which acts as the hub for our postgraduate research community

We offer substantial postgraduate training opportunities in public health, ranging from professionally linked master's courses, through to research training for academic or health care careers.

Contemporary public health practice requires practitioners to be adaptable and flexible, with a broad experience of a range of subject areas. Studying our public health-focused programmes will equip you with the skills and knowledge to help improve people's health and reduce inequalities in health.

Taught courses

Community Pharmacy Public Health Services (distance learning) MSc/PGDip

FT **PT** **DL**

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

Dental Public Health/
Community Dentistry MPhil/PhD

FT **PT**

Medicine MPhil/MD/PhD

FT **PT**

Funding

We offer a number of funded studentships for our research programmes. Our current students are funded by the likes of the Medical Research Council and National Institute for Health Research.

Funded PhD project opportunities can be found online:

 www.manchester.ac.uk/mhs/study/research/studentships-and-funding

Careers

Most of our graduates progress into postdoctoral and academic posts in UK and international universities, or find employment within clinical or consultancy roles.

Contact

Taught courses

t: +44 (0)161 275 5688

e: pgt.medicine@manchester.ac.uk

 www.manchester.ac.uk/mhs/study/masters

Research programmes

t: +44 (0)161 275 5688

e: pg.medicine@manchester.ac.uk

 www.manchester.ac.uk/mhs/study/research

Religions and Theology

WHY MANCHESTER?

- **World-class research resources, including the archives of The John Rylands Library, home to biblical and Jewish papyri, anti-slavery collections and the Methodist archive**
- **Internationally recognised research centres and networks, including the Centre for Jewish Studies, the Lincoln Theological Institute, the Centre for Biblical Studies, and the Research Network for Religion and Political Culture**
- **The opportunity to study Biblical Greek and Hebrew at beginners or advanced level, allowing you to study scriptures in their original language**
- **An optimum opportunity to undertake research into the life of Manchester: a major multi-faith city**

Study with us and you'll gain versatile analytical skills designed to help you apply critical thinking to religion-related issues that you'll face in work or research. You'll explore the roles of religion and theology in their historical, contemporary and political contexts, uncovering how they continue to influence the world in which we live today. Determining your own study pathway, you'll have the option to cover key themes such as religion, politics and the media; non-Western moral philosophy; post-secularity in the city, interreligious dialogue; eco-theology; and Indian philosophy.

You'll learn about the impact of religion and theology on human behaviour, looking at local, national and international perspectives, and investigating and interrogating assumptions through stimulating debates and discussions that take into account a breadth of social and cultural backgrounds. Our research strengths include biblical studies, Jewish studies, South Asian studies, Buddhism and Christian theology (including political theology). With no binding ties to religious institutions or denominations, we approach our subject from a distinctively comparative, contextual and interdisciplinary angle.

You will be taught by scholars of international standing who are linguists, anthropologists, theologians of several religions, philosophers, historians and critical theorists. Current sample research topics cover subjects as diverse as Jewish perspectives on atheism and social action activities in Bradford in the UK.

Our master's courses are complemented by method-orientated course units, including philosophy, gender studies, hermeneutics, political theory and more. In addition to the integration of transferable, vocational skills within our course content, our dedicated graduate school offers you a host of training, workshops, placements and residential schemes targeted at postgraduate students.

Taught courses

Religions and Theology MA



Research programmes

Religions and Theology MPhil/PhD



Funding

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-funding

Careers

The investigative, analytical and interpretation skills developed through your study will provide you with an academic basis for a range of future careers or further research. Our graduates are leading international academics as well as communications, media and health service professionals.

Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/religion

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/religion

Social Anthropology

WHY MANCHESTER?

- Ranked first in the UK for research capacity and impact in the most recent Research Excellence Framework (REF 2014)
- We are internationally renowned and have noted expertise in the anthropology of development, materiality, the state, kinship, political economy, science and technology
- Our teaching staff are all active in research and have ethnographic experience in many parts of the world, including Latin America, East and Sub-Saharan Africa, Melanesia, India, Japan, Europe, Kyrgyzstan, Siberia and Lebanon
- Our Granada Centre for Visual Anthropology is highly regarded, providing training in visual anthropology, ethnographic documentary and sensory media
- We were rated first in England and second in the UK in The Guardian University Guide 2014 league table for anthropology and perform consistently highly in National Student Survey tables

Social anthropology involves the study of social and cultural diversity across the world. Since the School was founded in 1949, our interests have grown both thematically and geographically, and today cover most of the globe.

Manchester Anthropology builds on a strong tradition of innovative social research around themes of social change, conflict and political economy, and today has a

reputation for addressing cutting-edge and unusual research topics, while respecting the classical and long-standing interests of the discipline.

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.

Taught courses

Anthropological Research MA



Social Anthropology MA/PGDip
(pathways may include: Cities and Migration; Media and Performance; Visual and Sensory Media; Culture, Ethnography and Development).



Visual Anthropology MA



Research programmes

Social Anthropology PhD




Social Anthropology with Visual Media PhD



Funding

For information about fees and funding, see:

 www.manchester.ac.uk/socialsciences/study-with-us/fees-and-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.

Contact

Taught courses

t: +44 (0)161 275 4471/1296

e: pg-soss@manchester.ac.uk



www.manchester.ac.uk/social-anthropology

Research programmes

t: +44 (0)161 275 4743

e: pg-soss@manchester.ac.uk



www.manchester.ac.uk/social-anthropology

Social Statistics

WHY MANCHESTER?

- A high-profile discipline area, developing and applying statistical and quantitative research in the social sciences
- Our graduate programmes are recognised by the Economic and Social Research Council and the North West Doctoral Training Centre
- We receive a large number of Advanced Quantitative Methods (AQM) and CASE (Council for Advancement and Support of Education) awards each year
- We ranked first in the UK's latest Research Assessment Exercise (REF 2014), based on the high percentage of our research activity rated "world-leading" (4*)

Research activities are both methodological and substantive, and you will 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.

We have a strong connection with the Cathie Marsh Institute for Social Research (CMIST), reflecting our commitment to cross-disciplinary integrated research. We contribute to teaching the short-course programme of CMIST, which provides training in an applied context to students, academics and government researchers.

Taught courses

Social Research Methods and Statistics MSc/PGDip



Research programmes

Applied Social Research PhD



Social Statistics PhD



Funding

For information about the awards available to MSc and PhD students, see:



www.manchester.ac.uk/socialsciences/study-with-us/fees-and-funding

Careers

Employability is high among our postgraduate alumni. Students in Social Statistics have gone on to jobs such as data analyst, consultant, civil servant, international organisation staff researcher, project manager, evaluation specialist, and government statistician. Our PhD students join a thriving research programme and receive high-quality training and supervision tailored to their particular needs.

Contact

Taught courses

t: +44 (0)161 275 1296/4471

e: pg-soss@manchester.ac.uk



www.manchester.ac.uk/social-statistics

Research programmes

t: +44 (0)161 275 1296

e: pg-soss@manchester.ac.uk



www.manchester.ac.uk/social-statistics

Social Work

WHY MANCHESTER?

- Be part of a School with a well-established history of providing excellent social work education, training and innovative research
- Be part of our graduate school, which acts as a hub for our postgraduate community
- Our MA in Social Work is approved by the Health and Care Professions Council (HCPC) and endorsed by The College of Social Work; our graduates are eligible to apply for registration as a social worker
- We're committed to conducting high-quality applied research that provides evidence to enhance social care services and the experiences of those using them
- 88% of our research is "internationally excellent" or "world-leading" (3* or 4*), according to the most recent Research Excellence Framework (REF 2014)

We aim to develop professionally competent, reflective and analytical social work practitioners who are able to practise in a variety of settings and with a range of service users. Our MA meets the requirements of the social work Professional Capabilities Framework for Social Work Practice in England, so on completion you'll be eligible to apply to register as a qualified social worker with the HCPC.

Our 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.

Taught courses

Social Work MA



Research programmes

Social Work MPhil/PhD



Funding

For information about loans and bursaries, see our website:



www.manchester.ac.uk/mhs/study/masters/funding

Careers

Our programmes provide a professional qualification in social work, allowing you to take up challenging and stimulating posts in a wide variety of fields, such as mental health, childcare and child protection, learning and physical disabilities, and working with older people.

After obtaining the academic qualification, you're eligible to apply for registration with the HCPC as competent to practise. Social workers are key members of multidisciplinary teams in the statutory, voluntary and private sectors, working with a wide range of people.

Contact

t: +44 (0)161 306 0270

e: graduate.socialwork@manchester.ac.uk



www.nursing.manchester.ac.uk/postgraduate/taught



www.nursing.manchester.ac.uk/postgraduate/research

Sociology

WHY MANCHESTER?

- We are consistently ranked highly for research, and came first in the UK for the percentage of our research outputs that are judged as “world-leading”, and second nationally for our research power in the most recent Research Excellence Framework (REF 2014)
- You will enjoy access to a world-class library, and we encourage you to participate in our department’s research seminars, reading groups and conferences
- We provide expert supervision on the range of subjects within contemporary sociology and on multidisciplinary and interdisciplinary projects, involving collaborations with colleagues
- 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

We are one of the UK’s largest and most prestigious centres for sociology, with more than 35 academic staff, 50 PhD students, and 30 master’s students.

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 the following areas: 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 place a high value on teaching and research that engages with real-world issues. Our most important commitment is ensuring that you will receive a top-class education to develop your sociological imagination and research skills to equip you for your future career.

Taught courses

Sociological Research MSc



Sociology MA/PGDip



Research programmes

Applied Social Research PhD



Sociology PhD



Funding

For details about the awards available to master’s and PhD students, see:



www.manchester.ac.uk/socialsciences/study-with-us/fees-and-funding

Careers

Our taught master’s students go on to a number of destinations, including PhD study in sociology, research posts in think tanks and local government policy work.

Contact

Taught courses

t: +44 (0)161 275 1296/4471

e: pg-soss@manchester.ac.uk



www.manchester.ac.uk/sociology

Research programmes

t: +44 (0)161 275 1296

e: pg-soss@manchester.ac.uk



www.manchester.ac.uk/sociology

Translating, Interpreting and Intercultural Studies

WHY MANCHESTER?

- Our MA in Translation and Interpreting Studies is accredited by the prestigious European Master's in Translation network, underlining the quality of our profession-oriented training
- You'll have access to industry-standard translation software and train in the same kind of interpreting facilities used in the European Parliament and at other international organisations
- We offer visits to key organisations such as the United Nations Office at Geneva and the European Commission in Brussels – an opportunity to experience professional translation and interpretation first-hand
- The most recent Research Excellence Framework (REF 2014) confirmed Manchester as a leading centre for research in modern languages and linguistics, ranking third in the UK in terms of research power

Recent graduates and professional translators alike will gain specialist language skills and the recognised qualification required to develop a career in the translation industry and associated intercultural/international roles. Our research spans diverse areas, from translation and activism to multimodality and audiovisual translation. Recent professional development seminars have been hosted by the Directorate General for Translation for the European Commission and the European Central Bank.

We offer interpreter training in all principal languages currently in demand in international organisations and on the freelance market, including English, Chinese, Arabic, Spanish, French and German. Our MA in Conference Interpreting draws on both professional interpreting practice and expertise in interpreting studies. You'll benefit from our collaborations with international organisations through internships and teaching support. Our MA in Translation and Interpreting Studies is one of the UK's longest running and most comprehensive postgraduate degrees in translation and interpreting.

We're a founding member of ARTIS (Advancing Research in Translation and Interpreting Studies), a training platform for doctoral candidates and early career researchers. We pioneered a corpus-based approach to the study of translation, using the University's unique resource of the Translational English Corpus, and we continue to shape and influence the field of translation studies.

Our MA in Intercultural Communication is for students who are interested in intercultural matters and who may or may not have knowledge of a foreign language. You'll enhance your employment opportunities in fields where intercultural competence is valued – for example, international projects, NGOs and multinational companies.

Taught courses

Conference Interpreting MA/PGDip



Intercultural Communication MA



Translation and Interpreting Studies MA/PGDip



Research programmes

Interpreting Studies PhD



Translation and Intercultural Studies MPhil/PhD



Funding

Each year a number of scholarships, studentships and bursaries for postgraduate study are awarded on a competitive basis by the University, Research Councils UK and other external funders. Visit our website for information on funding opportunities:



www.manchester.ac.uk/alc/fees/postgraduate-taught-funding



www.manchester.ac.uk/alc/fees/postgraduate-research-funding

Careers

We run a popular series of subject-specific professional development workshops featuring internationally renowned speakers. Some of our graduates have entered careers in translation and interpreting, or embarked on academic careers across the globe. Others have pursued roles in international business and marketing, film production and publishing.

Contact

Taught courses

t: +44 (0)161 306 1259

e: masalc@manchester.ac.uk



www.manchester.ac.uk/tis

Research programmes

t: +44 (0)161 275 3559

e: phdsalc@manchester.ac.uk



www.manchester.ac.uk/tis



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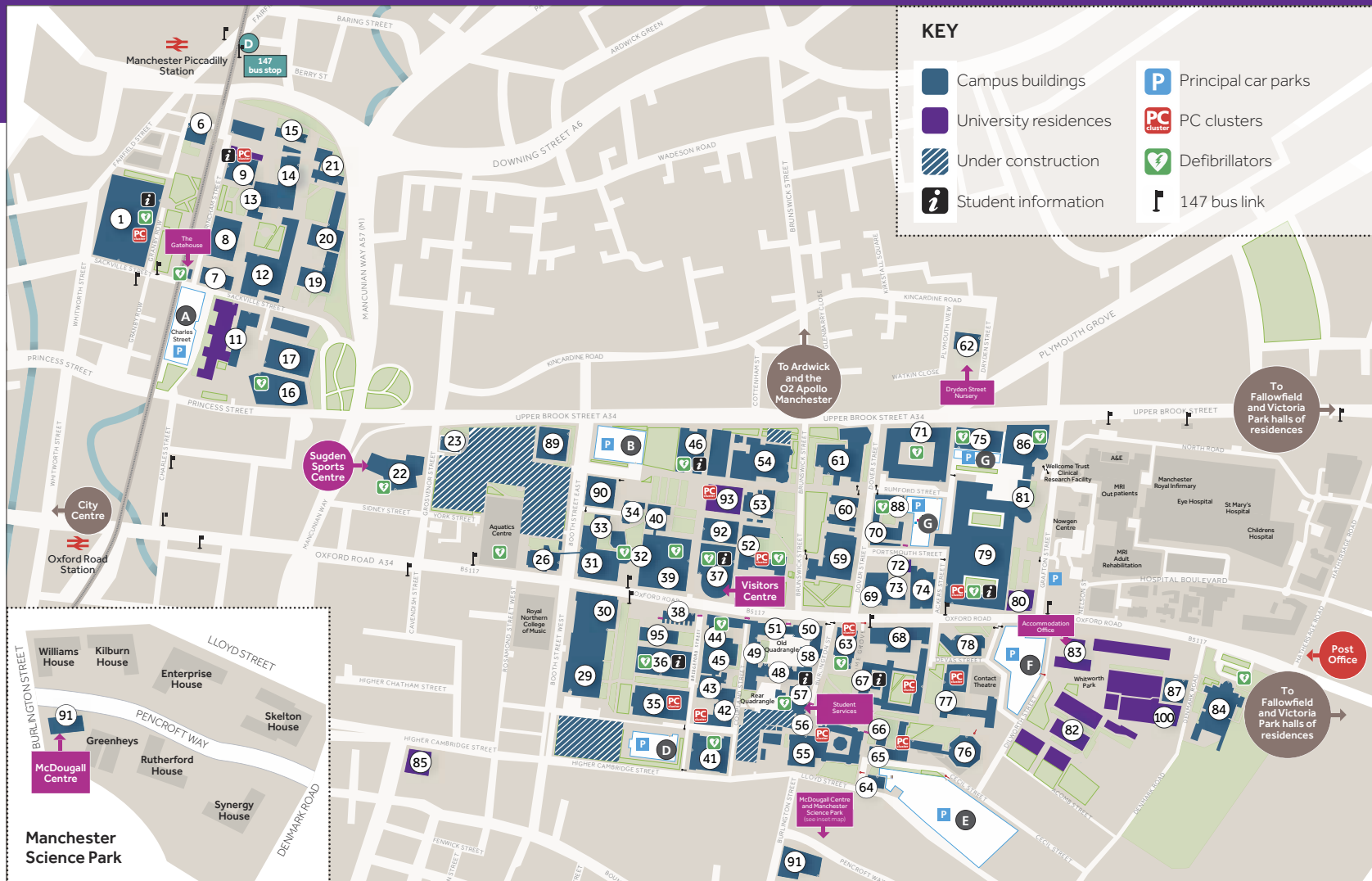
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Wellcome Trust (Quantitative and Biophysical Biology) PhD	75

Campus map

- | | | | |
|--|--|----------------------------------|---|
| 1 Sackville Street Building | 26 Alliance Manchester Business School East | 49 Beyer Building | 74 Holy Name Church |
| 6 Echoes Day Nursery | 29 Harold Hankins Building/ Alliance Manchester Business School West | 50 Whitworth Hall | 75 AV Hill Building |
| 7 James Lighthill Building (formerly Paper Science) | 30 Devonshire House | 51 Whitworth Building | 76 AQA |
| 8 Renold Building | 31 Crawford House | 52 Williamson Building | 77 Ellen Wilkinson Building |
| 9 Barnes Wallis Building / Student Hub / Wright Robinson Hall | 32 St Peter's House / Chaplaincy | 53 Roscoe Building | 78 The Academy |
| 11 The Manchester Conference Centre / Weston Hall | 33 Crawford House Lecture Theatres | 54 Schuster Building | 79 Stopford Building |
| 12 Pariser Building | 34 Prospect House | 55 Main Library | 80 Horniman House |
| 13 Manchester Meeting Place | 35 Humanities Bridgeford Street | 57 Student Services Centre | 81 The Manchester Incubator Building |
| 14 The Mill | 36 Arthur Lewis Building | 58 Christie Building | 82 Whitworth Park Residences |
| 15 Morton Laboratory | 37 University Place | 59 Simon Building | 83 Grove House |
| 16 Manchester Institute of Biotechnology (John Garside Building) | 38 Waterloo Place | 60 Zochonis Building | 84 The Whitworth |
| 17 George Begg Building | 39 Kilburn Building | 61 Chemistry Building | 86 Core Technology Facility |
| 19 Graphene Engineering Innovation Centre | 40 Information Technology Building | 62 Dryden Street Nursery | 87 Denmark Building |
| 20 Ferranti Building | 41 Dental Hospital | 63 Alan Gilbert Learning Commons | 88 Carys Bannister Building |
| 21 MSS Tower | 42 Martin Harris Centre for Music and Drama | 64 Environmental Services Unit | 89 James Chadwick Building |
| 22 Sugden Sports Centre | 43 Coupland Building 1 | 65 Mansfield Cooper Building | 90 National Graphene Institute |
| 23 Oddfellows Hall | 44 Manchester Museum | 66 Stephen Joseph Studio | 91 McDougall Centre |
| | 45 Rutherford Building | 67 Samuel Alexander Building | 92 Jean McFarlane Building |
| | 46 Alan Turing Building | 68 Students' Union Oxford Road | 93 George Kenyon Building and Hall of Residence |
| | 47 John Owens Building | 69 William Kay House | 95 JR Moore Building |
| | | 70 Dover Street Building | 100 Denmark Road Hall |
| | | 71 Michael Smith Building | |
| | | 73 Avila House RC Chaplaincy | |



How to get here / City map

We take our social responsibility and relationships with the local community seriously and aim to reduce our impact on the environment. Therefore we encourage you to travel by sustainable means wherever feasible.

By bus

From Piccadilly Bus Station: 14, 16, 41, 42, 43, 44, 48, 111, 140, 142, 157 and 250.



www.tfgm.com/buses

By rail

From Piccadilly Station: take the 147 bus, Mon-Fri, Bus Stop D, Fairfield Street.

From Oxford Road Station: 15-minute walk from both North and South Campuses.

From Victoria Station: University accessed by a combination of tram/bus/walking.



www.nationalrail.co.uk

From the airport

Manchester Airport is approximately 10 miles south of the University. Frequent trains and the 43 and 44 bus services serve Manchester (see above websites). A taxi fare is approximately £30.

Cycling



www.tfgm.com/cycling

Walking



www.walkit.com/cities/manchester

By car

All directions listed are to the Visitors Centre in University Place (building 37 on the campus map).

For satnav, use M1 3BB for North Campus and M13 9PL for South Campus. For information on car parking, visit



www.estates.manchester.ac.uk/services/operationalservices/carparking

By road

All approach routes are clearly signposted 'Universities'.

M62 (Eastbound), M602

Leave the M62 at J12 and join the M602. At the end of the M602 join Regent Road (A57) and continue along and join the A57M (Mancunian Way). Leave at the second exit, signposted A34 (hair-pin bend). To go to Sackville Street, keep right. To go to Oxford Road, keep left and join the A34 (dual carriageway) and get in the right-hand lane. Turn right at the first set of traffic lights into Grosvenor Street. Stay in the left-hand lane and turn left at the next set of traffic lights on to Oxford Road (B5117).

Go straight on through the next set of traffic lights and our Visitors Centre is on the left-hand side in University Place (building 37 on the campus map).

M62 (Westbound), M60

Leave M62 at J18 and join M60 ring road. Leave M60 at J22 and turn right at traffic lights on to Oldham Road (A62). Continue along until the end and turn left to join Great Ancoats Street (A665). Follow signs for the Universities and join the Mancunian Way (A57M). Leave at the second exit on to Higher Cambridge Street.

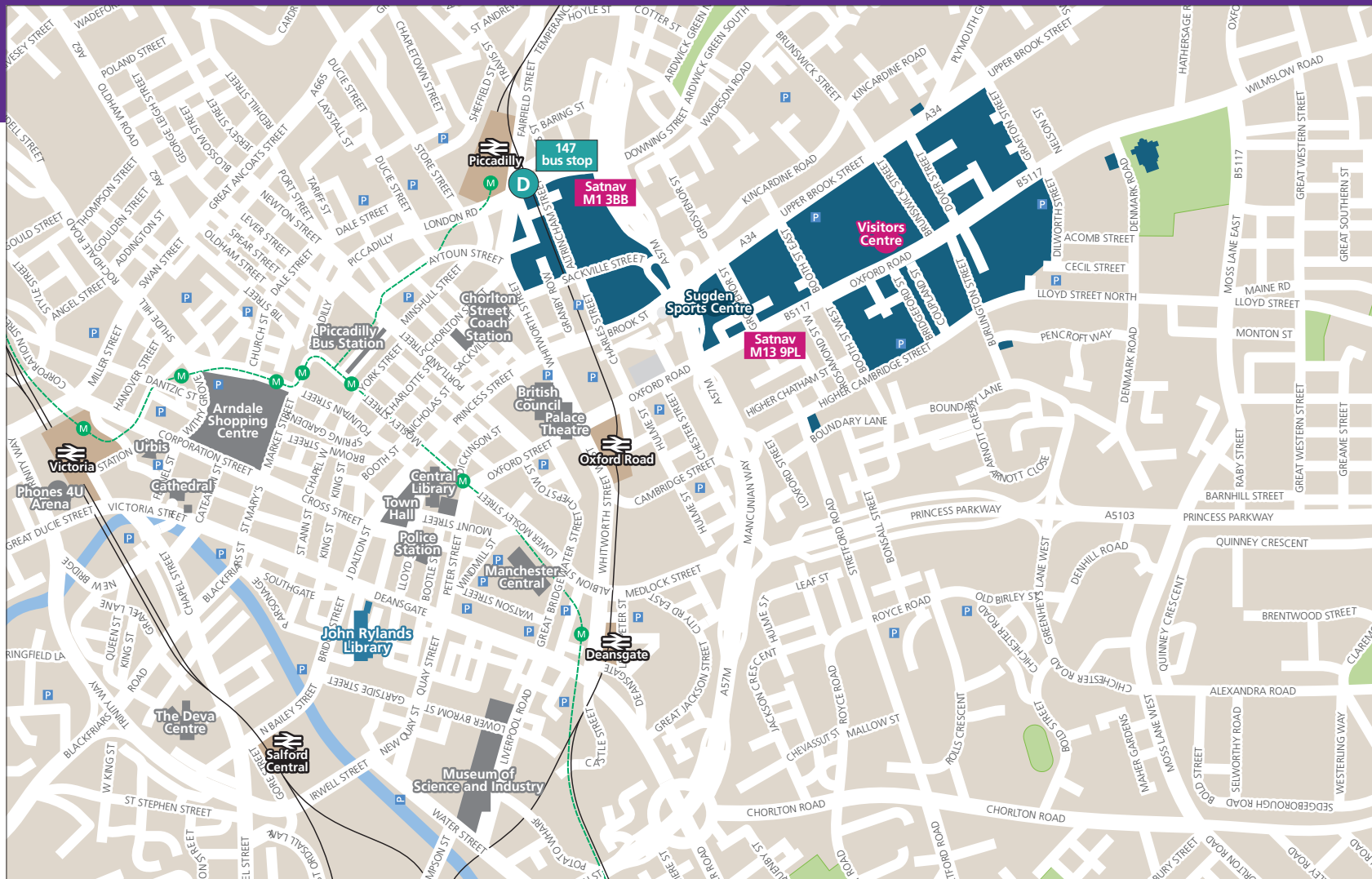
Turn left at the next set of traffic lights on to Booth Street West. Continue to the next set of traffic lights and turn right. Our Visitors Centre is on the left-hand side in University Place, (building 37 on the campus map).

M6/M56

Leave the M6 at Junction 19 and turn right on to the A556. Follow signs for Manchester Airport and join the M56. Stay on M56 until it joins Princess Parkway (A5103). Continue for a further four miles (seven kilometres) before turning right at the Royal Brewery into Moss Lane East (B5219). Continue to the T-junction and turn left on to Oxford Road (B5117). Proceed down Oxford Road past the hospitals and the Holy Name Church on the right-hand side. Our Visitors Centre is on the right-hand side in University Place (building 37 on the campus map).

From M67

At the end of the motorway join Hyde Road (A57). Continue along for approximately three miles (five kilometres), following signs for the city centre. Upon reaching a major roundabout (the O2 Apollo is on the left) take the second exit, Brunswick Street (signposted 'Universities'). Continue along and go straight through the next set of traffic lights. Continue to the T-junction and turn right on to Oxford Road (B5117). Our Visitors Centre is on the right-hand side in University Place (building 37 on the campus map).



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www.manchester.ac.uk

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