

The background of the entire page is a low-angle, upward-looking photograph of a grand, historic stone building, likely a part of the University of Manchester. The architecture features large, fluted columns, pointed arches, and intricate carvings. A prominent statue of a seated figure is visible on the right side of the frame. The entire image is overlaid with a semi-transparent magenta or deep red color, which serves as a background for the white text.

MANCHESTER
1824

The University of Manchester

THE UNIVERSITY OF MANCHESTER

POSTGRADUATE

PROSPECTUS 2013 ENTRY

www.manchester.ac.uk/postgraduate

WELCOME TO MANCHESTER

We provide teaching and research in more subjects than any other UK university – so this prospectus can only offer you a brief introduction to our exciting opportunities for postgraduates.

Find more detailed, up-to-date information about our courses and University on our website, via the contact details provided in each subject section of this prospectus, and via our admissions social media:



/admissionsuom



@admissionsuom

Come and meet us

For information about open days and visiting the University, see:

www.manchester.ac.uk/postgraduate

If you require a copy of this prospectus, or certain sections of it, in an alternative format, please contact us:

tel +44 (0)161 275 4740





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“

The University of Manchester provides an enjoyable, dynamic and exciting working environment, full of enthusiastic people, and with a positive attitude towards research and postgraduate study.

Annette Allen
PhD Neuroscience

”

OUR UNIVERSITY

Influential, dynamic, enterprising and unfailingly friendly, we offer you a forward-thinking learning experience rooted in a rich educational heritage at The University of Manchester. Ranked third in the UK for 'research power', we are at the forefront of innovation that informs our courses and makes a difference in the world. Join our postgraduate community and be inspired by what you can achieve.

Making things happen

At the University, we are proud of both our academic excellence and the pervasive 'can-do' attitude of our staff and students that turns enthusiasm into achievement and ground-breaking theory into cutting-edge practice. With research that is internationally renowned across a huge range of disciplines, we work with partners across the world to effect real change in commerce and society.

World-leading minds

We encourage our staff and students to think critically and creatively, nurturing both independent talent and fruitful collaboration. Our prestigious hall of fame includes 25 Nobel Prize winners among our current and former staff and students – could you be number 26?

Fame on the global stage

Our University has leapt 40 places in the influential Academic Ranking of World Universities (ARWU) survey in the past seven years, from 78th to 38th in the world, and sixth in Europe, confirming us as a progressive and world-class teaching and research centre.

Fuelling ambition

At Manchester, you will study programmes packed with the latest research findings, meet leading global experts from academia and industry, use cutting-edge equipment in modern facilities, and polish skills that postgraduate employers from all fields want.

Whether you're a committed researcher wanting to further the human quest for knowledge, a career-focused professional seeking a specialist qualification, or a burning enthusiast for higher learning and understanding, a postgraduate degree at The University of Manchester will help you to realise your ambitions.

UNRIVALLED INVESTMENT

We've recently invested £650 million in facilities and resources for our academic community – with more still to come.

Our newest development is the Alan Gilbert Learning Commons, in which we invested £24 million to create a multitude of innovative, technology-rich facilities dedicated to student-led learning across all disciplines. See *Campus*, p32.



“

Manchester made me believe in myself through the combination of professionalism, knowledge, passion and warmth among the faculty and staff. I have not just earned a degree, but also interacted and learnt in an environment that, hopefully, will always bring out the best in me.

”

Kuhelika De
MA Economics

Organisation and collaboration

As the biggest University in the UK, we are proud of the advantages our size brings: a fantastic breadth and depth of knowledge, the cross-pollination of skills and disciplines, and the buzz of a large, diverse academic community.

Each of our four Faculties unites various interrelated disciplines within wider, well-connected communities. This makes it easier for us to collaborate and share knowledge, expertise and resources, both across the University and with our numerous external partners in industry, business, the arts and the public and not-for-profit sectors.

This is particularly valuable for our postgraduates, whose specialist areas of study at the cutting edge of research often transcend traditional discipline boundaries, and who benefit considerably from our connections with external partners across the globe.

Faculty of Engineering and Physical Sciences (EPS)

EPS is a Faculty of firsts: from the first splitting of the atom by Ernest Rutherford (1917), to the development of the world's first stored-program computer (1948), to the first-ever extraction of graphene, a new super-material for the 21st century (2008).

Today, more than 70 specialist research groups and centres undertake pioneering cross-discipline and multidisciplinary research into areas ranging from microwaves to tissue engineering, nanotechnology to aeronautics, nuclear fission to sustainable consumption.

Centres of excellence include: Dalton Nuclear Institute; Rolls-Royce University Technology Centres; Tyndall Centre for Climate Change; Photon Science Institute; Manchester Interdisciplinary Biocentre; University of Manchester Aerospace Research Institute; and Jodrell Bank Centre for Astrophysics.

Industrial partners include: BP, National Grid, Rolls-Royce, BAE Systems, IBM, AstraZeneca, EDF, Waters, HSE, Arriva, Westinghouse and more.

www.manchester.ac.uk/eps

Faculty of Humanities (HUM)

Encompassing fields as diverse as arts, education, development, law, social sciences, and business and management, our Faculty of Humanities is committed to developing new and innovative ways to transfer knowledge out of the University and apply this to 'real world' problems.

We have a global reputation for outstanding humanities research, providing and contributing to interdisciplinary research programmes in areas from climate change to world poverty, humanitarianism to sustainable consumption, ageing and research methods.

Centres of excellence include: ESRC National Centre for Cultural Change (CRESC); Institute for Social Change; Institute for Science, Ethics and Innovation; Brooks World Poverty Institute; Global Urban Research Centre; Eco Cities; Manchester Institute for Innovation Research; Centre for Equity in Education; Centre for Chinese Studies; and Centre for New Writing.

www.manchester.ac.uk/humanities

“

Manchester has been an excellent place to do research and I doubt it would have been possible to get to know so many different researchers in different fields, and get the diversity of training and education I have received, in many other places.

”

Warren Flood
PhD Microbiology



Faculty of Life Sciences (LS)

Life Sciences at Manchester encompasses the multi-scale and complex nature of biological research, from molecules to cell-based studies, whole organisms and population levels. With great breadth of expertise, we can respond quickly to opportunities, placing us at the forefront of research developments.

Manchester has secured more research grants and studentship funding from the Biotechnology and Biological Sciences Research Council (BBSRC) than any other university in the UK. We have an impressive track record in working closely with industry and successfully commercialising our scientific advancements.

Centres of excellence include: Wellcome Trust Centre for Cell Matrix Research; The Centre for the History of Science, Technology and Medicine; Centre for Integrative Mammalian Biology; UK Centre for Tissue Regeneration; Healing Foundation Centre; and Manchester Collaborative Centre for Inflammation Research (with MHS – see below).

www.manchester.ac.uk/ls

Faculty of Medical and Human Sciences (MHS)

MHS offers postgraduate opportunities that further career development and impact upon health policy and practice. Interdisciplinary approaches and excellent facilities, on campus and at the nearby Central Manchester hospitals complex, underpin our success across a broad spectrum of biomedical and health-related research.

Our exceptionally high quality of health sciences research, and strong track record of partnership working with the NHS and other major healthcare organisations, provides a wealth of opportunities for postgraduate research.

Centres of excellence include: Manchester Academic Health Science Centre; Manchester Collaborative Centre for Inflammation Research; Collaboration for Leadership in Applied Health Research and Care; Manchester Cancer Research Centre; Biomedical Research Centre; Institute of Health Sciences; Neuroscience Research Institute; UK Biobank; Centre for Integrated Genomic Medical Research; and Manchester: Integrating Medicine and Innovative Technology.

www.manchester.ac.uk/mhs

University of Manchester Doctoral College (UMDC)

All postgraduate research students become part of our UMDC, which unites and provides leadership for postgraduate research study across our University. We work in collaboration with postgraduate research students to generate internationally leading research that has real impact in the UK and beyond, offering guidance and support to help you build a successful future career, either inside or outside of academia.

UMDC hosts a number of Doctoral Training Centres (DTCs), which complement our Faculty-based PhDs. Through them, you can study a four-year programme in an area of cutting-edge research, which incorporates integrated taught components. You'll be able to share interdisciplinary research development as part of a cohort of fellow doctoral students, and produce a doctoral dissertation meeting international standards of excellence.

The College also works to support and develop funding opportunities, including the President's Doctoral Scholar Awards (see *p25*).

www.manchester.ac.uk/mdc

“

I chose The University of Manchester because it is known nationally and internationally for its strong programmes that integrate teaching and research.

Kexin Lu
PhD Chemistry

”



RESEARCH: THE HEART OF WHAT WE DO

Research enhances everything we do at The University of Manchester, underpinning our courses, driving academic discovery, informing industrial and public service innovation and effecting positive change across the world. As a Manchester postgraduate, you could both learn from and contribute towards some truly world-leading research achievements.

What our research credentials mean for you

Manchester postgraduates benefit greatly from our international reputation for research excellence, and everything that goes along with that: continuous investment in the best research facilities; distinguished tutors and fellow researchers working at the forefront of their disciplines; a dynamic research culture that encourages innovative, cross-disciplinary collaboration; and a highly reputable qualification that will open doors across the world.

Whether studying for a taught postgraduate award or a research degree, you will be directly involved with cutting-edge research and pushing the barriers to creativity.

Close industrial partnerships with organisations from many varied sectors inform our research and your 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.

A proactive, collaborative environment

At Manchester, we are committed to breaking down barriers and introducing fresh, interdisciplinary ways of working, which are opening up exciting new areas of study and discovery.

In recent years, we have launched new interdisciplinary research institutes in: aerospace; bioscience and biomedicine; health sciences; global poverty; neuroscience; cancer research; photon science; social change; environmental sustainability; science, ethics and innovation; nuclear science; cosmopolitan cultures; public policy; and molecular imaging.

We also have more than 50 specialist research centres, each undertaking pioneering research into areas ranging from genetic disorders to artificial intelligence.

Partnerships with other universities have led to initiatives such as the Northern Aerospace Technology Exploitation Centre (NATEC), which aims to help to maintain and enhance the competitiveness of the UK aerospace industry.

Supporting business innovation

Manchester has an impressive track record when it comes to turning ideas into commercial reality. Our innovation company, UMI³ (University of Manchester: Inspire, Invent, Innovate), works with researchers, entrepreneurs, business people, professional advisers and investors to handle hundreds of invention disclosures submitted by our academics and to help create spin-out companies based on our current research.

UMI³ also helps to attract world-class academics to our University, by providing a dynamic, top-class support system in which they can participate and succeed in commercialisation projects.

www.umi3.co.uk

WHY MANCHESTER?

- Ranked third in the UK for “research power”
- Unrivalled range of expertise, researching in more academic areas than any other British university
- Ongoing multimillion-pound investment in cutting-edge research facilities
- Attracted nearly £280 million external research funding in 2010/11



“

The University of Manchester ranks highly in the research field. My family and friends both in Hong Kong and abroad say it is well-known internationally and a first-class university.

Peggy Li
PhD Theoretical Physics

”

WORLD-CHANGING RESEARCH DEVELOPMENTS

Here are just a few examples of research we're involved with today that could change the world we live in tomorrow...

We're leading the world in research into graphene, the thinnest and one of the strongest materials in the world today, which was first isolated by two of our Nobel Prize-winning staff at the University: www.graphene.manchester.ac.uk

We're working to improve humanity's quality of life while sustaining the natural world around us, with applied research into the many and varied environmental challenges of the 21st century: <http://bit.ly/JYNvcP>

We're helping the world to respond better to disasters, conflict and crises, uniting interdisciplinary research in applied medicine and the humanities in partnership with non-governmental organisations and policy-makers: www.hcri.ac.uk

We've launched the largest-ever research programme into cleft lip and palate, one of the world's most common congenital abnormalities, partnering with fellow UK universities and the NHS: <http://bit.ly/JUsT4R>

As a postgraduate student, you could learn about – or be involved with – innovative projects such as these that have positive global impact.

The Research Assessment Exercise

Conducted every few years, the Research Assessment Exercise (RAE) measures the quality of research conducted in UK higher education institutions against international standards of excellence. It also enables the higher education funding bodies to distribute public funds on the basis of quality.

We were delighted with our impressive ratings in the most recent RAE (2008), which places us **third in the UK in terms of "research power"** and secured us valuable funds that help us continue to increase our number of first-rate professorships, build on our strong links with industrial and research partners, and invest in the latest facilities for our staff and students.

We put forward research staff from each subject area for the RAE 2008, whose research activity was assessed and judged to fit within the following categories of quality:

- 4*** World-leading in terms of originality, significance and rigour.
- 3*** Internationally excellent in terms of originality, significance and rigour, but falls short of the highest standards of excellence.
- 2*** Recognised internationally in terms of originality, significance and rigour.
- 1*** Recognised nationally in terms of originality, significance and rigour.

The next assessment will be undertaken in 2014.

Ranking	University	FTE ^o research activity judged to be 4*/3*
1	University of Oxford	1,580
2	University of Cambridge	1,452
3	The University of Manchester	1,194

Source: HEFCE RAE 2008

^o FTE stands for full-time equivalent research staff from each subject area who were submitted for assessment to the RAE 2008

Find out more, including the full RAE results across the University:

www.manchester.ac.uk/research



YOUR FUTURE: BEYOND POSTGRADUATE STUDIES

Our postgraduate alumni have changed the world as academics, business leaders, social reformers, entrepreneurs, politicians, creative artists, policy makers and more. Your own future is yet to be written...



I decided to apply for the position of a Life Lab Demonstrator at The Manchester Museum; I really wanted to get involved in scientific public engagement. The ability to get up in front of a group of students to teach the Life Lab sessions has massively helped me during the first year of my PhD, particularly during talks. If you can hold the attention of a group of 11-year-olds, a group of academics seem a lot less intimidating! The biggest benefit is the chance to have some fun and hopefully encourage people to be engaged with science.



Elizabeth Granger
PhD Cell Biology

At Manchester, it's our role to prepare you to build your own future, whatever that might be. You may follow an established career path, or work in a job that hasn't yet been invented, organised in a way that breaks with the past. You will certainly leave your postgraduate degree a changed person, and that can have a big impact on your career.

New degree, new skills

The challenges of a postgraduate degree will be a significant step up from your undergraduate experience. Whatever degree you choose, you will develop evidence to show you can be creative, determined and use your initiative. Our academics will help you hone your critical thinking skills, to construct compelling arguments from a mass of information.

A city where you can make a difference

In Manchester, you are part of an international community, in a city with a history of revolutionising the world. Immerse yourself in our community and apply your skills by volunteering, making a difference to yourself and to others, or communicating your passion for your subject via our public engagement programmes. Employers who look for that 'something special' will really start to notice you.

“

The Careers Service was a great help throughout my university life. Beyond the CV support and workshops to help prepare for job applications, the main benefits were that it really helped me to develop the skills to face real-life job challenges.

Shilpi Bhatia
MSc Finance

”



Supporting you to make an impact

You are responsible for your own future – but you're not on your own.

Our academics

If you aspire to become an academic, nothing beats working with role models whose research leadership underpins their teaching and supervision. Read their advice and plan your academic future with our award-winning website, An Academic Career: www.manchester.ac.uk/academiccareer

Employers, large and small

Employers from all over the UK and beyond target our graduates. More than 500 recruiters visit our campus and our recruitment fairs each year. Hundreds more employers and alumni take part in our mentoring programmes, specialist careers information events and online activities. Our Careers Service advertises over 6,000 jobs annually, with an online database available exclusively to University of Manchester students and alumni.

A Careers Service that really understands postgraduates

Postgraduates are central to the work of our Careers Service. From day one, you will have access to tailored one-to-one careers support from consultants who regularly work with postgraduates.

Our extensive careers website includes specialist sections for postgraduates and international students. We run postgraduate careers talks and events, and keep you up-to-date with postgraduate career news and comment on our postgraduate careers blog and Twitter feed.

Your future career... we're here to help you make it happen.


Find out more

www.manchester.ac.uk/careers

<http://manchestergpcareers.wordpress.com>



@ManPGCareers



Jenny Taylor
IBM UK Foundation Manager
(Graduate, Apprenticeship and
Student Schemes)
IBM Bedfont Lakes

“

We've had a strong history of recruitment from The University of Manchester for many years, including postgraduates for our graduate schemes. Manchester's postgraduates are diverse individuals, which suits us, because we have such a wide variety of roles available in IBM, and tailor our graduate training to individual needs. We recruit graduates who show attributes such as adaptability, teamwork and collaboration, communication, drive to succeed, creative problem solving, client focus, taking ownership and passion for our business. Successful Manchester graduates have all been energetic and creative, with a clear focus on delivering exceptional customer service.”

”

Jenny works as the IBM UK Foundation Manager. A dedicated management organisation, Foundation is the home of the IBM UK graduate, student and apprenticeship programmes, helping to turn new graduate hires into IBM professionals working across all of IBM UK's business lines and brands. Jenny is proud that IBM has won several external awards for its graduate programmes over the past few years; programmes that many Manchester alumni have successfully completed, securing varied roles from technological to business development.

“We recruit postgraduates who present themselves as great candidates. Any extracurricular activities or work experience will add something new to your skills profile, so think about the transferable skills you are building. Think early about the type of employment you would like when you finish your studies, and make use of Manchester's Careers Service activities that allow you to talk directly to employers.”

**MANCHESTER MAKES
POSTGRADUATES...**

**BECOME
SUCCESSFUL
EMPLOYEES**

A portrait of Sian Hughes, a young woman with long blonde hair, smiling. She is wearing a teal top. The background is a blurred indoor setting.

Sian Hughes, 23
Cheltenham, UK
MA Humanitarianism and Conflict Response
Student Marketing Graduate Intern,
The University of Manchester

“

Over the three years of my undergraduate degree at Manchester, I enjoyed my course, made lifelong friends and fell in love with the city. The international development course units in my BA (Hons) Politics, Philosophy and Economics degree uncovered a passion I didn't know I had. When I decided to study for a masters degree, my decision about where to study was already made. Another year in Manchester just solidified my feelings about the city, and on graduating I knew where I wanted to find a job.

”

Sian graduated from the MA Humanitarianism and Conflict Response in December 2011, and started working for the University as a Student Marketing Intern in the same month. She found her job through the Manchester Graduate Internship Programme, run by the Careers Service. She hopes that the many experiences this year-long internship is giving her will teach her the skills necessary for the next step on a marketing career ladder.

“Although my course and job are unrelated, there is no doubt that skills developed through my MA, such as collaboration and team-working, flexibility, and managing a heavy and varied workload, were essential requirements for my job. The extracurricular activities I took part in during my masters year, including conceiving and organising a student-run conference, The Demise of the Humanitarian, and sitting on the committee for the Save the Children Society, also taught me skills that helped me to secure my dream job.”

MANCHESTER
MADE ME...
WANT TO STAY

“

I have never felt lonely and confused because of the fact that I am a distance learning student. On the contrary, I have always been in contact with my tutors and course mates, and got clear explanation, feedback and support all the time.

”

Işıl Boy
MA Educational Technology and TESOL (distance learning)

YOUR STUDY OPTIONS

Like most potential postgraduate students, you probably have a clear idea of what subject you are interested in pursuing. However, you may be less certain of the way in which you want to study it, and to what level.

Full-time or part-time?

While most of our students study for a postgraduate qualification on a full-time basis, you may study many of our taught courses and research programmes on a more flexible part-time basis.

You can see the different modes of study available for each qualification in the taught course/research programme lists within the subject sections of this prospectus.

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

Distance learning

Some of our postgraduate qualifications – mainly taught masters – are available via distance learning (also known as distributed learning, or e-learning). Distance learning allows you to learn through self-study, using printed materials and web-based resources.

In this prospectus, we have indicated which programmes can be studied via distance learning by labeling them DL.

Which qualification?

Taught courses

Postgraduate diplomas and certificates: Diplomas usually last nine months and certificates usually last six months. They include specialised courses, such as the Postgraduate Certificate in Education (PGCE), as well as general courses. They are either structured in a similar way to masters courses (but without the need for a dissertation), or, as with the PGCE, are specifically vocational.

Masters degrees: Intensive taught courses with a dissertation or project, which usually last for 12 months full-time, or 24 months part-time (compared to two years full-time in most other countries). Our MBA lasts 18 months full-time and up to five years part-time. Masters degrees include the 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) and Master of Research (MRes). Masters degrees usually involve two semesters of classes and assessed work, followed by five or six months' research, culminating in a dissertation.



The balance of taught and research elements and the methods of assessment vary from course to course.

The Master of Research (MRes) is structured slightly differently and provides you with an opportunity for extensive research training and subject-specific advanced learning, with a view to proceeding to doctoral research.

Research programmes

Our research culture and postgraduate researcher experience gives you access to support through every stage of your research programme. As part of our researcher development strategy, we provide you with opportunities to acquire skills that will complement your degree and help you to achieve your personal and career development goals. Developed on the basis of a 'personal development plan' and 'skills audit', we deliver this training on-demand, to meet your individual needs.

Research Masters: 12-month programme including subject-specific taught course units, research skills training and a substantial research project, or series of research projects. Research Masters degrees include the MSc by Research and the Master of Enterprise (MEnt).

Master of Philosophy (MPhil): Usually lasting 12 months and assessed by the submission and examination of a shorter thesis than that required for a PhD, setting out the results of an original, individual programme of investigational research. Where appropriate, successful completion of the MPhil (including the preparation of a detailed plan for a doctoral research project) may be followed by registration for a PhD.

Doctor of Medicine (MD): Two-year research programme leading to an award in recognition of the successful completion of a programme of supervised research in any area of medicine.

Master of Surgery (ChM): Two-year research programme leading to an award in recognition of the successful completion of a period of supervised research in the theory and/or practice of surgery.

Doctor of Philosophy (PhD): Lasting between three and four years and awarded in recognition of the successful completion of a programme of supervised research within the allocated time, the results of which show evidence of originality and independent, critical judgement and constitute an addition to knowledge. Although instructional courses may be included in the training, you spend most time undertaking independent research, with progress closely monitored throughout the period of study. Assessment is based upon an oral examination of your final thesis.



Collaborative PhD: Provides you with the opportunity to undertake a research project with an external partner, either from another higher education institution, or from industry or commerce. Collaborative PhDs can be undertaken on a split-site basis or as a joint award. Please contact the relevant School or Faculty for further information.

Professional Doctorate Programmes: These relate to specific professional areas and incorporate a taught component. They are available in:

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

Enterprise Doctorate (EntD): Four-year programme involving discipline-specific research and development, enterprise training and experience in knowledge transfer and business. The core is a project that embraces research work and commercialisation from the concept to the marketplace. For further information, contact our Enterprise Centre:
www.manchester.ac.uk/msec

Doctor of Business Administration (DBA): Lasting between three and four years and awarded in recognition of the successful completion of a programme of supervised research. The degree is designed to meet the needs of those people who seek advancement within a research-oriented business or government organisation, or who are/expect to be engaged in a significant amount of business consultancy work during their career.

Centres for Doctoral Training (CDT) PhDs: Four-year integrated research degrees combining taught courses with a programme of supervised research leading to the production of the doctoral research project. We offer a strong focus on interdisciplinary research to foster cutting-edge international competitive research.

“

I really enjoy the independence involved with a PhD, and the way that you only get out what you put in.”

Rhiannon Monckton
PhD Chemistry



Skills training

Studying for a postgraduate degree at The University of Manchester means more than deepening your knowledge in an academic discipline. We provide you with the kind of environment and support that allows exceptionally high-quality research to flourish.

We are dedicated to enhancing the research skills and career development of our postgraduates. Each of our Faculties offers comprehensive skills training and development programmes that contribute not only to the quality of our research output, but also to the employability of our postgraduate students. For more details, please contact the School or Faculty you are interested in.

Our Careers Service also runs a range of activities dedicated to postgraduates to help you boost your career prospects while studying. See *Your Future*, p12.

Start dates

Taught postgraduate courses and research masters have one annual intake, starting mid to late September each year. The MBA has an earlier start date in August.

Research programmes (MPhil and PhD) also start in late September, although some offer points for enrolment in January, April and July.



SUPPORT

Get all the academic, personal and professional assistance you need via our range of student support services.

Student support

Whatever the issue – financial, academic, personal, or administrative – we have experienced and sympathetic people, support groups and advice services to help you. Find out about counselling, academic advice and various other student support services:

www.studentnet.manchester.ac.uk/crucial-guide

Funding and finance

Find out more about tuition fees and student finance, including international fees, payment options, cost of living and managing debt:

www.manchester.ac.uk/pg/fees

www.manchester.ac.uk/pg/funding

Childcare

Two centres are associated with our University for children between six months and five years of age: Dryden Street Nursery and Echoes Nursery. Find out more about funding options, private nurseries, playgroups and schools:

<http://bit.ly/Lb5I5i>

WHY MANCHESTER?

- A wide range of experienced and sympathetic people, support and advice to help you find a solution to any difficulty – financial, academic, personal, or administrative
- Specialist support for different student groups

“

The first-rate support from lecturers and staff means they are always more than happy to help me and answer any questions I may have.

Jennifer Sanders
MSc Photon Science

”



Religious support

There are two chaplaincy centres for the major Christian churches. St Peter's House provides chaplains for the Anglican, Baptist, Methodist and United Reformed Churches, while the Roman Catholic Chaplaincy is at Avila House. Hillel House provides facilities for Jewish worship. There are prayer facilities on campus for Muslim students and student societies for many religions.

Disability support

If you have any particular needs arising from a medical condition, a physical or sensory disability, or a specific learning difficulty, we encourage you to contact our University's Disability Support Office to discuss your needs, any arrangements that may be necessary and the extent to which appropriate support is available.

www.manchester.ac.uk/dso

tel +44 (0)161 275 7512
text +44 (0) 79899 658 790
dso@manchester.ac.uk

Alumni

After your studies or research, our Alumni Association will keep you connected both to the University and to Manchester alumni worldwide via the interactive alumni web community 'Your Manchester Online', and via a programme of events, reunions, opportunities to volunteer at and on behalf of the University, and networking opportunities. We provide a wide variety of benefits and services for alumni and, if you keep us updated with your address, you will receive our free annual magazine.

www.manchester.ac.uk/alumni

tel +44 (0)161 306 3066
alumni@manchester.ac.uk



INTERNATIONAL STUDENT SUPPORT

As an international student, you can be sure of a warm welcome at The University of Manchester. This year, around 9,500 students from more than 150 countries are studying with us.

Settling in

Arriving in a new country is an exciting time, but we know that it can also be a daunting prospect.

To help you feel welcome and settle in quickly at Manchester, we offer a number of services tailored to the needs of international students, including:

Arrival guide – Before you arrive in Manchester, we will send you this in-depth publication containing useful advice and information to help you make your preparations for coming to Manchester.

Airport collection service (available in September) – We provide a warm welcome when you arrive at Manchester Airport and transport you, free of charge, to your accommodation.

Orientation programme – Our practical orientation presentations and workshops cover everything from finding your way around, to using public transport, buying essential items, opening bank accounts, and more. In addition, our Welcome Week and orientation social events help you to make new friends, settle into your new life and relax a little before your studies begin.

For more information about our orientation and welcome services, visit:
www.manchester.ac.uk/international/arrival

International student societies

Our University has many student societies, including a variety run by and for specific international student groups. These are a great way to socialise and get involved in activities outside of your studies.

In addition, the International Society, based on campus, organises a comprehensive social and cultural programme for all students in Manchester.
www.internationalsociety.org.uk

International Advice Team

Our range of support for international students includes a dedicated International Advice Team, which can provide assistance on any issues you may have during your time with us, including visa advice or working in the UK.

Please contact the team via email:
iat@manchester.ac.uk



FIND OUT MORE...

www.manchester.ac.uk/international
international@manchester.ac.uk



“

I am a member of the International Society, which has a lot going for international students, like trips to different places in the UK, cultural evenings; sometimes there are some free tickets to the Royal Northern College of Music Concerts, and lots of other activities. Everyone, irrespective of personality and interest, would find a suitable activity. The society also sends us regular emails, which keep us abreast with social issues and keep us entertained and informed.

“The Student Services Centre is also brilliant. You can always drop in and your query will be answered. They send us emails advising us on topical visa issues, immigration issues, and help us keep up-to-date with the changes that take place from time to time. ”

Olive Sabiiti, PhD Law
From Kampala, Uganda



FACULTY OF

FINANCE

We firmly believe in the value of postgraduate education and the personal and professional benefits it can bring you. Checking what's included in your tuition fees, investigating potential sources of funding and being aware of likely expenses will all help you to manage your budget while you study.

Tuition fees

University tuition fees cover the cost of your study with us, as well as charges for registration, tuition, supervision, examinations and graduation. They also entitle you to membership of our libraries, the Students' Union and the Athletic Union.

Tuition fees vary and may be dependent on the type of subject being studied.

For all our current tuition fees, and further information relating to the fees due for individual programmes of study, visit our website: www.manchester.ac.uk/postgraduate/fees

Funding

You can either pay all your own tuition fees and living costs, or you can seek whole or partial funding from various sources.

External funding

Our University attracts substantial external funding. It is essential that you start thinking about how to fund your postgraduate studies as early as possible, since many funding bodies have strict deadlines.

Please note that most funding bodies require you to hold at least a provisional offer of a place to study at the University before applying for a studentship.

“

Search for bursaries, grants and loans, which can help you pay for another year of study.

Jonathan Livingstone
MSc History of Science, Technology and Medicine

”



University funding

President's Doctoral Scholar (PDS) Awards:

Launched in 2011, these doctoral funding awards are strongly supported by our President and Vice-Chancellor, Professor Dame Nancy Rothwell. We offer more than 100 elite studentships each year, underpinned by an investment of £2.5m over four years. PDS Awards give the most outstanding students from across the UK, and from around the world, support to further their research training with prominent academics across all our subjects. For more information, visit:

www.mdc.manchester.ac.uk/funding/pdsaward

Schools/Faculties: Some of our Schools and Faculties have funds for postgraduate students. Contact the School or Faculty that you are thinking of applying to for further details of any available funding.

All funding

You can find details of all sources of available funding, both external and internal, by searching the postgraduate funding opportunities database online: www.manchester.ac.uk/postgraduate/funding

Cost of living

Relative to some other UK cities, Manchester is an affordable place to live; we consistently rate highly in student living surveys. This is something to bear in mind as you calculate the cost of essentials such as accommodation, food and books.

Estimated postgraduate living expenses *	Per postgraduate year, 51 weeks (£)
Accommodation (average cost for self-catering halls)	£4,900
Meals	£1,965
Books and stationery (depending on your course, and if you buy new or second-hand)	£475
Clothes (including provision of warm clothing and footwear)	£475
Transport	£665
Other expenses (eg entertainment, sport, photocopying, phone calls, etc)	£1,820
Total	£10,300

* This table presents approximate costs for the 2012/13 academic year. Actual costs will depend on your lifestyle.



APPLYING

We aim to make the application process for all our degrees as straightforward as possible, with comprehensive information and sources of support available to you.

How to apply

You can apply online for our taught and research degrees at:

www.manchester.ac.uk/pg/howtoapply

In some overseas countries, we have a network of educational consultants who can assist you with preparing and submitting your application. Visit the relevant country page in the international section of our website at:

www.manchester.ac.uk/international/country

Admission to our postgraduate courses and programmes is covered by our Student Admissions Policy. You can find this online:

www.manchester.ac.uk/pg/howtoapply/policies

Entry requirements

The qualifications, skills and qualities needed for postgraduate study at Manchester vary from School to School. Use the 'find out more' sections in this prospectus to discover the relevant information for your chosen degree programme.

We recognise many different qualifications from around the world. For details of international entry requirements and equivalencies, visit:

www.manchester.ac.uk/international/country

We also require a high standard of English for all our courses, to ensure that you get the most from your studies. *See p28 for details.*



Disability support / 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, dyspraxia, etc. All such applications are considered on exactly the same academic grounds as other applications.

If you are a candidate with additional support needs, our University Disability Support Office (DSO) can supply further information and a member of staff will be pleased to meet you, by prior arrangement, if you would like to visit.

See p21 for more information on disability support.

Equality and diversity

We are firmly committed to providing a positive learning environment that is free from discrimination, harassment and bullying, where all students are treated with respect and dignity. We aim to ensure that all students have equal access to the full range of institutional facilities, wherever possible.

We also involve and consult with students on key issues that are important to them.

Visit our website for more detailed information:
www.manchester.ac.uk/equalityanddiversity

Alternatively, contact our Equality and Diversity Team:
tel +44 (0)161 306 5857
equalityanddiversity@manchester.ac.uk



ENGLISH LANGUAGE REQUIREMENTS AND SUPPORT

An ability to communicate effectively in English is vital to your academic performance and progress at our University. If you are not a native speaker of English, you will need a high level of fluency in the English language to make the best of your learning opportunities here in Manchester. Improving your English language will also be a valuable long term skill that may enhance your job prospects.

Specific requirements

For most international students who have not achieved a grade C or above in GCSE, IGCSE, or O-level English, you must demonstrate your English proficiency through a secure and approved testing system, such as IELTS, TOEFL, Pearson, or Cambridge ESOL.

These internationally recognised assessments of English language proficiency are designed to determine the ability of non-native speakers of English who intend to study or train in English.

IELTS, for example, is accepted by most British, Australian, Canadian and New Zealand academic institutions. It is also accepted by many professional organisations, such as the UK General Medical Council. Minimum requirements vary across postgraduate courses. It is important that you check with your prospective School for the English language requirements for your intended course.

For information on specific language requirements for individual courses, see the course listings on our University website.

We do accept some other testing systems for individual countries. Find out information on these by visiting your country page on our international website (www.manchester.ac.uk/international), or by contacting our International Office.

The table opposite shows some common English language tests that we accept at the University.

Please note that Secure English Language Tests such as IELTS expire after two years, and that your certificate must be in date at the time you plan to start your intended course. If your certificate is due to expire before then, you should retake the test.

To identify a suitable testing centre in your home country for IELTS or TOEFL, please contact your local British Council office. Alternatively, you can find information from the following websites:

www.ielts.org

www.ets.org (for information on TOEFL)



©Louis Sinclair



English language support

Our University Language Centre (ULC) has over 30 years' experience of running English language courses for our international students. These courses are accredited by the British Council.

The ULC is an IELTS testing centre and its pre-sessional courses are accredited by BALEAP (British Association of Lecturers in English for Academic Purposes).

www.ulc.manchester.ac.uk/english



FIND OUT MORE...

Contact our International Office:

www.manchester.ac.uk/international

international@manchester.ac.uk

Common English Language tests accepted by our University

	TOEFL				NCUK EAP		Cambridge ESOL		PTE
IELTS/TEEP	PBT	CBT	TWE	IBT	Grade	% range	CAE	CPE	Score range
7.0	600	250	5.5	100	A	70-79	B	C	55-73
6.5	577	233	5.5	90	B	60-69	C	C	59-65
6.0	550	213	5	80	C	50-59	C	C	51-58
5.5	527	197	5	71	D	40-49	C	C	43-50

1PTE: Pearson Test of English: Academic

“

Accommodation is fairly cheap in Manchester, and where I live there is a very reliable transport network.

Nhamo Chaukura
PhD Materials Chemistry

”

ACCOMMODATION

We do everything we can to help all our new students find somewhere to live where you'll feel right at home. Whether you prefer university halls of residence, or private housing, as a Manchester postgraduate you have a huge choice of accommodation.

WHY MANCHESTER?

- More spaces in University-managed accommodation than virtually any other university in the country
- Extensive choice of styles of housing and locations
- Option of postgraduate-only University accommodation
- Guaranteed University accommodation for international (non-EU) students throughout your studies

University accommodation

At The University of Manchester we manage 9,200 rooms for student accommodation, almost all of which are based within two miles of our campus. We reserve some residences exclusively for postgraduates; in others, we house graduate students together.

You'll find housing options to suit all tastes: from modern, self-catering flats, to traditional, collegiate-style, catered halls of residence. Both single and mixed gender accommodation is available, and there is the choice of en-suite or standard facilities.

We offer some specially adapted rooms for students with disabilities, and also have a limited supply of family and partner accommodation. With the exception of some family accommodation, all our rooms are connected to the internet.



Costs

Accommodation costs vary, depending on facilities, but in 2012-13 the average costs were:

- £97 per week for a single self-catering room with shared facilities
- £122 per week for a single self-catering room with en-suite facilities
- £125 per week for a single room with shared facilities in a catered hall

International students guarantee

If you are based outside of the EU, you are guaranteed an offer of a place in one of our halls of residence for the full duration of your course, provided you meet the following conditions:

- Come to University alone
- Firmly accept a place at our University by 31 August of your year of entry
- Apply for accommodation by 31 August
- Reapply for accommodation in subsequent years by the due deadline and for the full academic session

If your application falls outside the conditions of the guarantee, you are still welcome to apply for University accommodation; however, please note that the offer of a room may not be available to you immediately.

Private accommodation

The city of Manchester has plenty of private accommodation for rent. You can get information about properties available, plus more general housing advice, from **Manchester Student Homes**. Owned jointly by the Manchester universities, this is the city's only housing bureau that advertises University-approved accommodation.



FIND OUT MORE...

Contact our Accommodation Office:

tel +44 (0)161 275 2888

www.manchester.ac.uk/accommodation

Contact Manchester Student Homes:

tel +44 (0)161 275 7680

manchesterstudenthomes@manchester.ac.uk

www.manchesterstudenthomes.com



OUR CAMPUS

Our University location gives you the best of both worlds: city and campus. Both combine to offer you plenty to do, see, explore and experience while you further your studies and boost your career prospects.

We love our distinctive blend of architecture at the University, from dignified Victorian edifices, to innovative brand-new constructions. Covering a large, vibrant area close to the city centre, our campus also includes landscaped gardens and secluded quadrangles for quieter moments.

Alan Gilbert Learning Commons

Opening on campus in autumn 2012, this is an ultra-modern, flexible and stimulating space dedicated to our students in which you are free to relax and learn. Uniquely designed to support the learning needs of the 21st-century student, it includes cutting-edge IT facilities, a host of student-centred activities, all available on a 24/7 basis for your convenience.

www.manchester.ac.uk/library/learningcommons

WHY MANCHESTER?

- Ongoing multi-million pound investment in new buildings and facilities
- On-campus museum, art gallery and theatre
- World-class sports facilities, used for the Commonwealth Games
- UK's largest students' union

“

You have access to state-of-the-art facilities, the people are very friendly and you can always find something interesting to do outside your studies.

Christian Menzel
PhD Chemistry

”



Library and information services

With more than four million printed items in stock – including some of the greatest printed books and manuscripts ever produced, and a collection of electronic resources that is unrivalled in the country – The University of Manchester Library is one of the best-resourced academic libraries in the UK. Widely recognised as one of the world's great research libraries, it is the only one of the country's National Research Libraries to be located outside of the south of England.

Library staff look after the needs of students of all subjects taught and researched at our University, while a dedicated team provides specialist advice on such diverse topics as bibliometrics, impact analysis, research data management, open access publishing and literature reviews. As part of our commitment to research skills training, the Library also offers a high quality skills programme specifically aimed at researchers and their needs.

The Main Library has long opening hours. For those times you are unable to visit, the vast majority of our electronic resources can be used remotely online.

www.manchester.ac.uk/library

IT services

The University's teaching and research activities are supported by extensive IT services. Our facilities include:

- More than 3,200 student PCs accessing a huge range of software, academic data and resources from across the world
- Extensive WiFi coverage across campus
- University halls of residence fully networked via the HORNET system (a small yearly fee applies for private halls of residence), providing high-speed access to your University account and the internet from your room
- 24/7 access to computers at the Alan Gilbert Learning Commons and in Owen's Park halls of residence
- University email account and a personal file storage area on the University network
- Specialist research support services for academics and researchers, offering access to national datasets, visualisation and high-performance computing

www.manchester.ac.uk/itservices

www.manchester.ac.uk/rcs



Culture

Manchester claims to be the cultural capital of the North – and we are lucky enough to have some of the city's finest cultural assets at the University.

These visitor attractions include:

The Manchester Museum, where you can find an array of treasures from the natural world and the many cultures it is home to. Highlights include a T.Rex and the fossils gallery, an award-winning Living Worlds gallery, and live amphibians and reptiles. The new Ancient Worlds galleries display British and world archaeology, including a renowned collection of ancient Egyptian artefacts. Visit the Museum and you can handle objects from the collection, take part in hands-on activities, or enjoy a glass of wine while exploring the latest ideas in science, culture and the arts. www.manchester.ac.uk/museum

Whitworth Art Gallery, ten minutes' walk down the road, provides further attractions. In the leafy setting of Whitworth Park, our Gallery contains one of the world's finest collections of English watercolours, as well as an inspiring mix of historic and contemporary artworks. An internationally acclaimed exhibitions programme complements the Gallery's own outstanding collections of prints, drawings, sculptures, textiles and wallpapers. www.manchester.ac.uk/whitworth

Contact is Manchester's award-winning home for explosive new theatre, inspiring future leaders in the arts to take creative risks in making art, drama, spoken word and music. www.contact-theatre.org

The Martin Harris Centre for Music and Drama is a performance space at the heart of our campus comprising a concert hall, a studio theatre and an electro-acoustic music studio. A popular space for music and drama events, the Centre hosts many musicians, theatre and comedy performers, as well as prize-winning authors. It holds a reading series in conjunction with our University's Centre for New Writing, which has in the past featured such literary luminaries as Martin Amis, Will Self and Colm Tóibín. www.manchester.ac.uk/martinharriscentre

The John Rylands Library is a magnificent neo-gothic building in Manchester's city centre and a major visitor attraction, as well as a research library of world renown. Collections include exquisite medieval illuminated manuscripts and examples of the earliest forms of European printing, including the Gutenberg Bible, as well as the personal papers of distinguished historical figures such as Elizabeth Gaskell, John Dalton and John Wesley. www.manchester.ac.uk/library/deansgate
www.manchester.ac.uk/library/specialcollections

“

Working at the Whitworth was a great opportunity to get to know not only the rich history behind this beautiful Victorian building, but more importantly, the supportive staff.

Mo Yin Kwok
MA Arts Management, Policy and Practice

”



The University's Jodrell Bank Discovery Centre, although not on campus, is part of our University's School of Physics and Astronomy. Based in the heart of the Cheshire countryside, it showcases the work of the world-famous Lovell Telescope and the Jodrell Bank Observatory; a world leader in radio-astronomy research. A visit to the Discovery Centre allows you to see the Lovell Telescope at close quarters and explore exhibitions on astronomy. Enjoy a snack and stunning views of the telescope in the café, or explore the beautiful gardens, including a new Galaxy Garden based on the structure of the Milky Way.
www.jodrellbank.net

Sport and fitness

Sport and fitness is very much a part of University life. With a variety of sports clubs and fantastic facilities, we like to think we have something for everyone. We aim to get everyone involved in creating a more active campus and encourage you to find the right lifestyle balance to fit in the recommended 30 minutes of physical activity, three times a week.

Take part in a range of organised activities through the following programmes:

- **Hall Sport:** 40+ hours of free sports and activities across campus for students living in halls, funded by Sport England and the National Lottery
- **Campus Sport:** Join 3,500 other students and play for your halls or academic department in a series of campus leagues that give beginners and recreational players the chance to play in a fun, yet competitive environment
- **Athletic Union:** 40+ sports clubs compete weekly against other universities in the British University and Colleges Sport League and Championships (currently ranked 8th)
- **Manchester Sport Scholarship:** Supporting Manchester's very best student athletes by providing both a financial award and access to support services such as strength and conditioning, and physiotherapy
- **Sport Volunteering:** Gain valuable experience, achieve coaching qualifications, develop personal skills and meet new people through this scheme
- **ACTIVE Manchester:** Various health, fitness and wellbeing classes, including such classic workouts as aerobics, 'bums and turns' and Zumba, with beginner sessions for those that want to try a new sport



Prefer to play or exercise in your own time? As a student, you are entitled to discounted fees and memberships at any of the following sports facilities:

- **Armitage Centre:** Newly extended and refurbished fitness suite facilities offer you a whole host of brand-new equipment, a free-weights area and a spacious environment to work out, as well as a double-sized indoor sports hall, a multi-activity room and a variety of fitness classes
- **Sugden Sports Centre:** Fantastic fitness suite facilities, workout classes and various indoor sports in two double-sized sports halls, at the heart of the campus
- **Manchester Aquatics Centre:** Fitness suite, workout classes and two 50-metre swimming pools, built for the 2002 Commonwealth Games, plus other mixed leisure facilities
- **Wythenshawe Sports Ground:** 27 full-size pitches covering 90 acres – one of the biggest UK facilities dedicated to football

We also have close links to many of Manchester's Commonwealth Games facilities, including Manchester Velodrome, Regional Tennis Centre, National Squash Centre, Regional Athletics Centre and City of Manchester Stadium.

www.manchester.ac.uk/sport

Students' Union

At the centre of our campus, student life is amplified in your Students' Union. This accessible, democratic, student-led space provides everything you need to get the most out of your time at University.

Student activities: With more than 250 societies, including one run by and for postgraduates, your Union hosts a diverse range of student-led activities. Campaigns tackle a vast range of issues, from campus security to international human rights. Student media provides opportunities to try your hand at print, radio and visual media, and you can get involved in fundraising, volunteering, event planning, publicity, or marketing. Developing your skills and meeting like-minded (and not so like-minded) people is simple, and new activities spaces provide excellent facilities, making it even easier for you to make it happen.

Student voice: Your Students' Union aims to take your voice to the University at every level. Postgraduate student representatives are in each faculty, ensuring that every postgraduate can have their voice amplified through their rep, or by standing to represent others themselves. Students are the decision-makers at the Union, and four times a year it holds open assemblies to discuss the ideas that students submit.

“

The Uni always had so much to offer in terms of volunteering activities, different societies, a super-active students' union and a state-of-the-art library, as well as a crazy nightlife.

Parul Gupta
MSc Biotechnology and Enterprise

”

©Louis Sindair



Shops and venues: Whether it's a quick sandwich from the Grab and Go, a sit-down meal at the Students' Union, or a FairTrade latte from Biko's Café, your Union has a range of food and drink to suit all tastes and budgets. You can also visit one of the city's four favourite music venues – the Academy 1,2,3 and Club – for the hottest music from the UK and around the world. As a registered charity, all the proceeds from sales go towards providing and improving what your Students' Union offers. It also employs hundreds of student staff to pull the pints, look after the help desk and work in the café.

Student advice: Your Students' Union complements our University's provision of support and welfare services. An Advice Service is staffed by professional advisers. Students often seek advice about academic issues such as appeals, complaints and disciplinary hearings for alleged plagiarism. Other common enquiries relate to housing – from problems with a landlord, to getting your deposit back. You can also receive financial advice regarding student finance, benefits and general hardship.

www.manchesterstudentsunion.com



FIND OUT MORE...

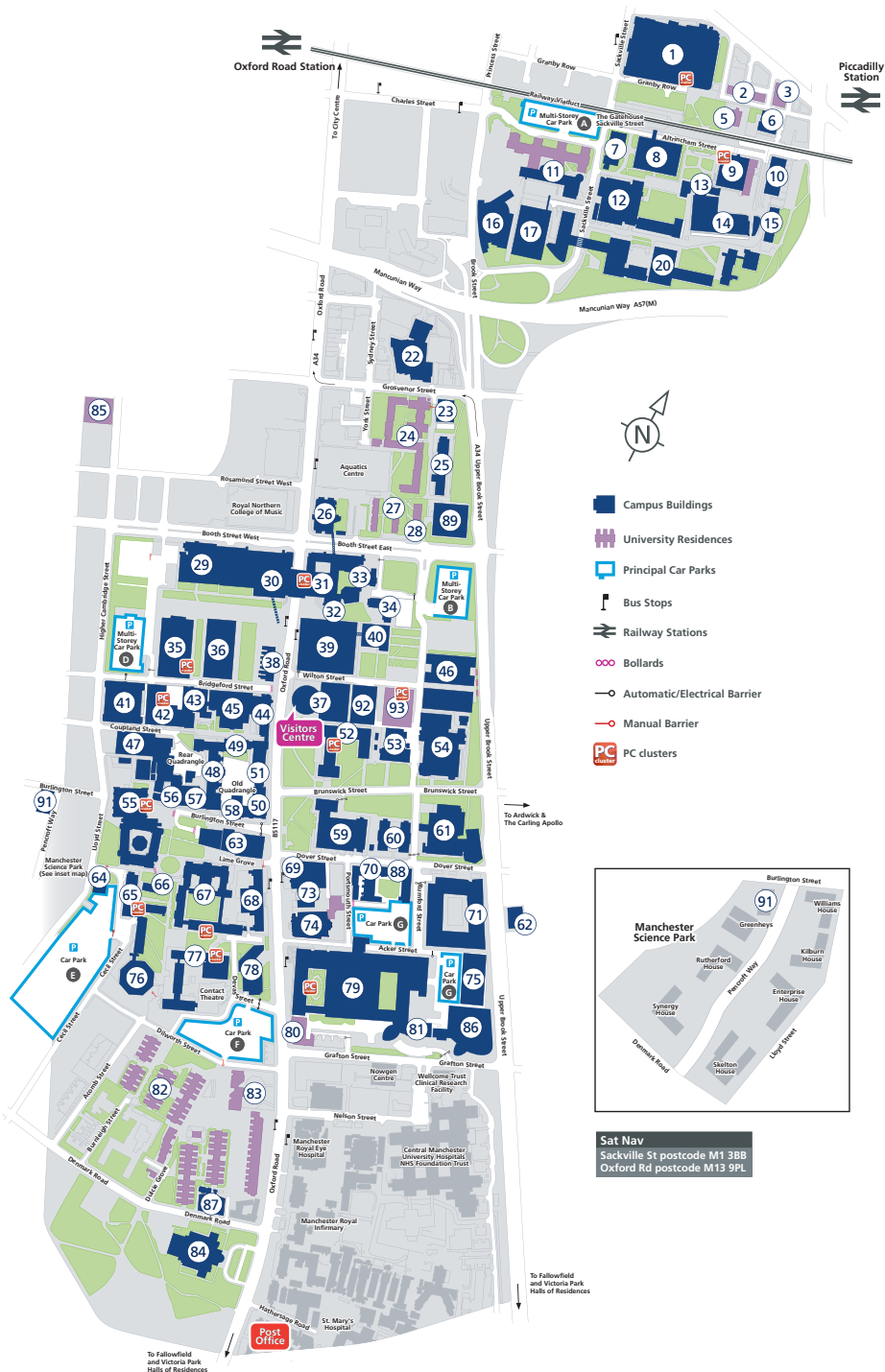
This prospectus can only offer you a taste of what you can find at Manchester – why not visit us to see for yourself why we believe that we offer so much more than the average university campus?

You could sign up for one of our University open days, or take your own trip around the grounds and soak up the atmosphere at one of the many café, bars and restaurants on campus. Use our campus map overleaf to get your bearings.

Alternatively, simply find out more online:
www.manchester.ac.uk/pg
www.manchester.ac.uk/pg/opendays

CAMPUS MAP

- 1** Sackville Street Building
- 2** Lambert Hall
- 3** Fairfield Hall
- 5** Chandos Hall
- 6** Echoes Day Nursery
- 7** Paper Science Building
- 8** Renold Building
- 9** Barnes Wallis Building /
Students' Union /
Wright Robinson Hall
- 10** Moffat Building
- 11** The Manchester Conference
Centre and Weston Hall
- 12** Pariser Building
- 13** Staff House Sackville Street
- 14** The Mill
- 15** Morton Laboratory
- 16** Manchester Interdisciplinary
Biocentre - John Garside
Building
- 17** George Begg Building
- 20** Ferranti Building
- 22** Sugden Sports Centre
- 23** Oddfellows Hall
- 24** Grosvenor Halls
of Residences
- 25** Materials Science Centre
- 26** Manchester Business School
East
- 27** Bowden Court
- 28** Ronson Hall
- 29** Manchester Business School
West
- 30** Precinct Shopping Centre
Harold Hankins Building
Devonshire House
- 31** Crawford House
- 32** St Peter's House/Chaplaincy
- 33** Crawford House Lecture
Theatres
- 34** Prospect House
- 35** Humanities Bridgeford Street
- 36** Arthur Lewis Building
- 37** University Place
- 38** Waterloo Place
- 39** Kilburn Building
- 40** Information Technology
Building
- 41** Dental School and Hospital
- 42** Martin Harris Centre
for Music and Drama
- 43** Coupland Building 1
- 44** The Manchester Museum
- 45** Rutherford Building
- 46** Alan Turing Building
- 47** Coupland Building 3
- 48** John Owens Building
- 49** Beyer Building
- 50** Whitworth Hall
- 51** Whitworth Building
- 52** Williamson Building
- 53** Roscoe Building
- 54** Schuster Building
- 55** The University of
Manchester Library
- 56** Schunck Building
Burlington Rooms
- 57** Student Services Centre
- 58** Christie Building
- 59** Simon Building
- 60** Zochonis Building
- 61** Chemistry Building
- 62** Dryden Street Nursery
- 63** Learning Commons
- 64** Environmental Services
Unit
- 65** Mansfield Cooper Building
- 66** Stephen Joseph Studio
- 67** Samuel Alexander Building
- 68** Students' Union Oxford
Road (also at number 9)
- 69** William Kay House
- 70** Dover Street Building
- 71** Michael Smith Building
- 73** Avila House RC Chaplaincy
- 74** Holy Name Church
- 75** AV Hill Building
- 76** AQA
- 77** Ellen Wilkinson Building
- 78** The Academy
- 79** Stopford Building
- 80** Horniman House
- 81** The Manchester Incubator
Building
- 82** Whitworth Park
Halls of Residence
- 83** Grove House
- 84** The Whitworth
Art Gallery
- 85** Opal Hall
- 86** Core Technology Facility
- 87** Denmark Building
- 88** Carys Bannister
Building
- 89** Chemical Engineering
and Analytical Sciences -
James Chadwick Building
- 91** McDougall Centre
- 92** Jean McFarlane
Building
- 93** George Kenyon
Building and Hall
of Residence



HOW TO GET HERE

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

By air

Manchester Airport is approximately 10 miles from the University. The taxi fare from Manchester Airport is around £20.

By bus

From Piccadilly Train Station catch the 147 bus.

From Piccadilly Bus Station catch any of the following buses: 14, 16, 41, 42, 43, 44, 48, 111, 140, 142, 157 and 250

From Victoria Train Station, catch the Tram to Piccadilly Bus Station and catch one of above services.

From Manchester Airport catch the 43 bus.

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, sign-posted 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 onto Oxford Road (B5117).

Go straight on through the next set of traffic lights and the University's 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 onto 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 onto Higher Cambridge Street. Turn left at the next set of traffic lights onto Booth Street West. Continue to the next set of traffic lights and turn right.

The University's 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 onto 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 before turning right at the Royal Brewery into Moss Lane East (B5219). Continue to the T-junction and turn left onto Oxford Road (B5117). Proceed down Oxford Road past the hospitals and the Holy Name Church on the right hand side. The University's Visitors Centre is on the right in University Place (building 37 on the campus map).

From M67

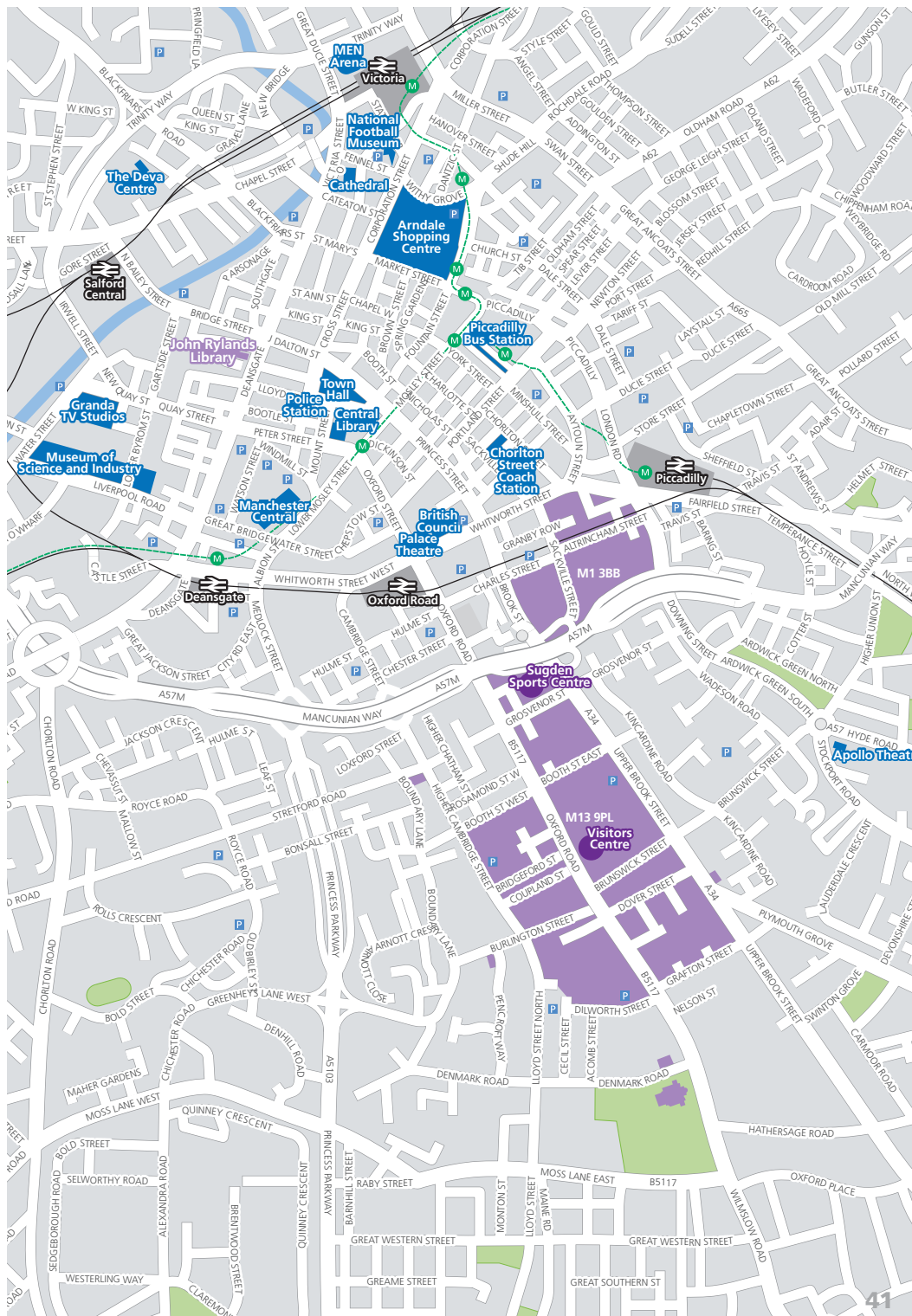
At the end of the motorway, join Hyde Road (A57). Continue along for approximately three miles, following signs for the city centre.

Upon reaching a major roundabout (the Apollo Theatre 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 onto Oxford Road (B5117). The University's Visitors Centre is on the right hand side in University Place (building 37 on the campus map).

Sat Nav

Sackville St postcode
M1 3BB

Oxford Rd postcode
M13 9PL





MANCHESTER

THE ORIGINAL MODERN CITY

Manchester: a thriving metropolis where the modern was born; where the global Industrial Revolution found its heart and soul; where ground-breaking intellectual discoveries flourished alongside pioneering social movements; where fast-paced immigration brought multiculturalism to urban living.

Manchester is known as the 'original modern' city, thanks to both its heritage and a progressive, can-do attitude, resulting in ideas that challenge convention, actions that change society, and attractions that capture the imagination.

It's hosted world-changing innovations in fields such as atomic theory, theoretical physics and computing.

It's been a driving force for social change in political campaigns for anti-slavery, trade unionism and the vote for women.

It's shaken up the music scene, nurtured cultural creativity and showcased magnificent sporting achievements on an international stage.

And it doesn't rest on its laurels. Manchester always looks to the future, with an enduring energy for progress and change.

We're proud to be here, and together we strive to make a positive contribution to our local community by participating in city-wide festivals, running public services and events, encouraging staff and student volunteering in community projects, working with regional businesses, organisations and schools, and much more.

In other words, we consider The University of Manchester to be an integral, positive and sociable part of this wonderful city. We hope that you will be, too.

Manchester. Ambitious. Friendly. Exciting. And a lot of fun.

SPEAKING OF MANCHESTER...

“

Manchester now has museums, galleries, theatres and shopping centres to rival any city in Europe. The people here are friendly and helpful. There is a large international community in Manchester, which gives you the opportunity to experience different cuisines and cultures from all over the world. ”

Aishwarya Payapilly, postgraduate (2012)

“

The city of Manchester is quite central, where there is easy access to places like the Peak District. As an international student, this is an advantage as I can always visit other places and enjoy the scenery, whenever I feel like escaping from a hectic life in the big city. ”

Dayana Ismail, postgraduate (2012)

“

I love Manchester and this really contributed to me staying here after my undergraduate studies. The diversity of the people, the culture, the arts and social scene away from university really make this a great place to live. And Manchester, especially in comparison to London, is very reasonably priced. ”

Karl Collins, postgraduate (2012)

“

The way that I am able to live in a nice house in a quiet area surrounded by families, yet work five minutes from a huge city centre, really suits me. ”

Rhiannon Monckton, postgraduate (2012)

“

‘Don’t talk about what you are going to do, do it.’ That is the Manchester habit. And in the past through the manifestation of this quality, the word Manchester became a synonym for energy and freedom and the right to do and to think without shackles. ”

**Sir Edward Abbott Parry,
Judge and dramatist (1912)**

“

When entering for the first time a town like Manchester, a stranger, overwhelmed by the new and interesting spectacle presented to him, scarcely dares look this giant full in the face at once. ”

JG Kohl, author (1844)

“

Manchester's got everything except a beach. ”

**Ian Brown,
lead singer with The Stone Roses (1989)**

“

Anthony Wilson says that for a big City, Manchester is just small enough. It's true. People know each other, collaborate, cross-pollinate. Ideas can mix and match. It's easy to get things moving. ”

Jim McClellan, journalist (1997)

“

The positives and negatives of life in Manchester power the imagination and creativity of the city. Out of the disharmony of Manchester, England, comes rock and roll. ”

Dave Haslam, DJ and author (1999)



FIND OUT MORE
www.visitmanchester.com

Culture

Manchester's cultural scene showcases some of the best of classic and contemporary artistry, with plenty of acclaimed museums, art galleries and theatres scattered throughout the city. Regular festivals also showcase eclectic performances and original work.

Many venues and events are free; for others, look out for reduced student rates for productions, exhibitions and entrance fees.

Names to note: Manchester Museum • Whitworth Art Gallery • Contact Theatre • John Rylands Library • Cornerhouse • Museum of Science and Industry (MOSI) • Imperial War Museum North • Manchester Art Gallery • The Royal Exchange • Palace Theatre • The Lowry, CUBE • Green Room • Islington Mill • Manchester International Festival • Manchester Literature Festival

Music

With multiple live music venues varying from huge arenas to intimate bars, and club nights galore, Manchester attracts some of the world's biggest names in bands and DJs, as well as plenty of up-and-coming talent. As for home-grown music, you may already know all about Mancunian legends such as The Stone Roses, Oasis and The Smiths; how about So Shush, Cherry Ghost and Twisted Wheel?

Outside gigs and clubs, Manchester is home to fine classical concerts, plenty of musical theatre and opera, various music festivals and the UK's oldest, highly acclaimed orchestra.

Names to note: Manchester Academy • MEN Arena • Manchester Apollo • Bridgewater Hall • Hallé Orchestra • Manchester Camerata • Palace Theatre • Opera North • Royal Northern College of Music • Danel Quartet • Night and Day Café • Manchester Roadhouse • Band on the Wall • Parklife Festival • In The City • Manchester Jazz Festival

Business

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

It's the perfect spot to research potential future employers from all sectors, and secure insight into possible careers – as well as perhaps working with commercial giants on collaborative research opportunities.

Names to note: MediaCity • Greater Manchester Chamber of Commerce • Manchester Digital • The Business Desk North West • Downtown Manchester in Business • BBC Manchester • Manchester Law Society • Greater Manchester Public Health Network

“

Besides being friendly and multicultural, Manchester is also a dynamic city buzzing with exhibitions, clubs and events that cater for everyone's needs.

Kexin Lu, postgraduate (2012)

”



Socialising

You'll soon discover Manchester's prodigious social life, whether you prefer to dance the night away in a club, or compare the merits of arthouse cinema with blockbuster movies. Finding a place to sit and sup with friends is easy: from traditional pubs to stylish bars, quirky independent cafés to cool juice bars.

A multicultural medley of gastronomic delights is also on Manchester's menu, with cuisine from practically every nation, from Ethiopian to Malaysian. You'll find a meal for any occasion or budget, from high-class dining to a top-notch takeaway.

Names to note: Manchester Food and Drink Festival • Curry Mile • Chinatown • Deansgate Locks • Printworks • Canal Street • Warehouse Project • FAC231 • Sankeys • Kro • Briton's Protection • Thirsty Scholar • Trof • Deaf Institute • IMEX Cinema • Cornerhouse • Jabez Clegg • Pangaea

Sport

For decades, Manchester has been synonymous with international football (never call it 'soccer' here!), thanks to its world-famous premiership teams. Still, it's not all about 'the beautiful game'; fans of rugby league and union alike will find plenty of teams in the vicinity, while some well-known cricket champions wield their bats just down the road.

Manchester is also home to Britain's national cycling team, whose facilities are open to public use – and there are plenty of gyms, swimming pools, wellbeing centres, even the world's widest real ski slope, for you to boost your own fitness.

Names to note: Manchester United FC • Manchester City FC • Sale Sharks • Salford Reds • Lancashire County Cricket Club • Manchester Velodrome • National Football Museum • Manchester Aquatics Centre • Chill Factore

Fashion

Whether you're a dedicated follower of fashion, or a trendsetter in your own right, Manchester has much to offer you. Packed with independent avant-garde boutiques, budget-conscious vintage boltholes, prominent high street brands and glamorous designer labels, the city well deserves the title of 'shopping capital of the North West'.

Names to note: Manchester Fashion Network • Affleck's • Trafford Centre • Arndale Centre • Northern Quarter • Market Street • The Avenue • King Street • Barton Arcade • Lowry Outlet Mall • Selfridges • Harvey Nichols • Primark • Fopp • Junk Shop • Togs + Clogs • Me and Yu • Triangle.



OUR PROGRAMMES

Our complete list of postgraduate subject areas and specific degree programmes available for study at Manchester is outlined in the following pages.

Please note that all information is correct at the time of going to print. However, we aim to keep our study programmes as current as possible, which means some changes may be made at a later date.

We therefore advise you to check our website for the most up-to-date information before applying, or use the contact details for the relevant subject areas to find out more.

For a full degree programme index, see p110.



ADVANCED METALLIC SYSTEMS

- Addressing the shortage of high-quality graduates with expertise in metallic materials
- Working closely with industry to tackle future materials challenges in the advanced manufacturing, aerospace, automotive and energy sectors
- Study with leading experts in metallurgy, corrosion, surface engineering and manufacturing at two world-renowned centres of excellence – the Universities of Manchester and Sheffield

High calibre students from a range of physical science and engineering backgrounds undertake a four-year programme in our dedicated Advanced Metallic Systems Centre for Doctoral Training. Your first year of taught courses and case studies in core materials topics will lead into a full PhD research project developed by you, with your supervisor.

We supplement our technical programme with a transferable skills training programme, leading to a Diploma in Professional Skills, preparing you for future management and leadership roles in industry and research.

We cover all aspects of metallic materials science and engineering. PhD projects include: new ultra-lightweight, high-performance solutions for aerospace and automotive applications; novel corrosion resistant materials for offshore energy generation and medical implants; the next generation of nuclear reactor materials; and innovative and sustainable

manufacturing. Most PhD projects are supported by industrial sponsorship and supervision.

Find out more...

www.metallicscdt.co.uk
enquiries@metallicscdt.co.uk
+44 (0)114 222 5478

Research programme

Advanced Metallic Systems PhD
FT

AEROSPACE ENGINEERING

- Highly rated for research
- World class facilities
- Alumni in top jobs in industry and research

RAE 4*20% 3*50% 2*30% 1*0%

Our School of Mechanical, Aerospace and Civil Engineering is one of Europe's leading schools of engineering. Our diverse and truly international community creates a stimulating and challenging learning environment that produces world-class professionals and achieves outstanding standards in research. We rank third in the UK for "research power" and our combined record of excellence is among the strongest in the country.

The School has a long and unique tradition in aerospace design, helicopters, heat transfer, aerodynamics, computational fluid dynamics and fluid diagnostics. Our Aerospace MSc course exploits and builds on those strengths, recognising particular combinations of subjects that are unique to our University. You will benefit from our strong links with BEA Systems Airbus, Rolls-Royce, DSTL, USAF, Northwest Aerospace Alliance, SBAC and others.

Dedicated research groups include: Aerospace; Energy, Environment and Climate Change; Management and Manufacture; Nuclear; and Structures, Dynamics and Extreme Loading. The Aerospace Research Group undertakes research directly relevant to the aerospace industry and also of a quite fundamental nature.

On top of this, we have expert groups focusing on research activity in the following areas: Advanced Flow Diagnostics and Instrumentation; Bioengineering; Built Environment; Coastal Processes; Computational Fluid Dynamics; Construction Science; Dynamics and Aeroelasticity; Energy and Multiphysics; Experimental Aerodynamics; Geo-Engineering; Impact and Explosion; Management of Projects; Marine Energy; Nuclear Graphite; Reliability, Availability, Maintenance and Safety; Smoothed Particle Hydrodynamics; Structures and Fire; and Turbulence Mechanics.

Manchester has a distinguished history in turbulence modelling (from Osborne Reynolds to Brian Launder), and also in fluids (eg Lamb and Goldstein), reflected in aerodynamics and heat transfer research today, coupled with computational fluid dynamics allied to interests in dynamics, composite structures and aeroelasticity.

Find out more...

www.manchester.ac.uk/mace
 pg-mace@manchester.ac.uk
 +44 (0)161 306 9219

Research programmes

Aerospace Engineering PhD / MPhil

FT PT

Aerospace Engineering MSc by Research

FT

Mechanical, Aerospace and Civil Engineering EngD

FT

Taught courses

Aerospace Engineering MSc
FT

ARCHAEOLOGY

- Close relationship between our primary research and postgraduate courses
- Stimulating and exciting study environment
- Internationally recognised centre for social archaeology

RAE 4*15% 3*45% 2*30% 1*10%

Our vibrant research at Manchester is characterised by several themes: identity, such as gender, ethnicity, religion, and sexual politics; place, landscape, and monumentality; history, theory, and philosophy of archaeology; technology and society; social complexity and the development of state-organised societies; and archaeological heritage and the social significance of the past.

We address these themes in relation to various periods and regions, for example: prehistory in Britain and Western Europe (the Mesolithic, Neolithic, and Iron Age); Near Eastern archaeology; Mediterranean archaeology (Bronze Age, Greek and Roman periods); African archaeology; Pacific archaeology; and the historical archaeology of Australia, the USA and Britain.

We are also known for our diverse and innovative fieldwork methods, ranging from survey and excavation, to oral history, ethnography and ethnoarchaeology. Our publications reflect our outstanding research profile, with 63% rated 'world-leading' or 'internationally excellent' in the 2008 RAE.

We encourage you to engage with the latest results from our projects, and to play a full and active part in academic life. We run an Archaeology Research Seminar Series, and our students run a Postgraduate Discussion Forum.

Our technician supports postgraduate field research, providing training and advice on the use of equipment and fieldwork methods. We also have excellent links with the University's Manchester Museum, from which you can benefit in terms of collection-based research, and staff who advise on museological and conservation issues.

All PhD students have access to working space in a large open-plan office. This dedicated space provides computer facilities, shelving space, and an interdisciplinary collegiate atmosphere. MA students have a shared working space in our building, as well as access to working areas in the University Library.

Archaeology also has strong links with the interdisciplinary research forum, Chimera (cultural heritage, identity and memory research area), which brings together the University's internationally renowned research in this area and provides a supervision network for postgraduate students. We are also involved in supervising research in museum archaeology through co-supervision with colleagues in the Institute of Cultural Practices.

Find out more...

www.manchester.ac.uk/archaeology

For MAs:

MASALC@manchester.ac.uk
 +44 (0)161 306 1259

For PhDs:

PhDSALC@manchester.ac.uk
 +44 (0)161 275 3559

Research programmes

Archaeology PhD
FT PT

Taught courses

Archaeology MA
FT PT

ARCHITECTURE

- Access to huge range of resources and facilities from two institutions
- Contemporary, interdisciplinary approaches

RAE 4*40% 3*40% 2*15% 1*5%

In 1996, we established the Manchester School of Architecture through an innovative collaboration between The University of Manchester and Manchester Metropolitan University. Our students uniquely benefit from the broad range of interests and expertise of our combined academic staff, with access to the extensive resources and facilities of both institutions.

PhD research revolves around our Manchester Architecture Research Centre, where research focuses on the co-evolution of design and development strategies and the socio-economic processes shaping architecture and cities. We aim to develop and apply interdisciplinary approaches to architecture and urban development, and engage with contemporary practice in a global context.

Our interdisciplinary PhD programme is open to students interested in any aspect of architectural research, including sustainable urbanism, urban design and development, ecological and landscape design, and the conservation and management of historic environments. We also encourage proposals for research by design.

We also offer a masters course in Architecture and Urbanism, designed to provide architects, sixty Faculty of Humanities urban designers, planners and urbanists with the intellectual, theoretical

and practical knowledge and skills essential to understanding and shaping the future city.

Find out more...

www.manchester.ac.uk/architecture
www.msa.ac.uk
sed.admissions@manchester.ac.uk
+44 (0)161 275 0969

Research programmes

Architecture MPhil/PhD
FT PT

Taught courses

Architecture and Urbanism MA
FT PT

See also Planning p98.

ART HISTORY AND VISUAL STUDIES

- Rated fourth in the country in the last RAE
- Access to extensive library and museum facilities
- Close collaboration with an award-winning art gallery
- Innovative interdisciplinary research topics with other arts subjects

RAE 4*40% 3*40% 2*15% 1*5%

Our postgraduate programmes draw on the expertise of academic staff covering art history from the ancient world to the present day. We will fully integrate you into our vibrant and stimulating research culture.

You benefit from excellent collections, including: the outstanding holdings of our Whitworth Art Gallery of fine and applied art from the 18th century onwards; a renowned collection of medieval illuminated books in the John Rylands Library, Deansgate; the Egyptian and Classical antiquities of the Manchester Museum; and further major gallery and museum collections within the city and region.

Find out more...

www.manchester.ac.uk/arthistory
For MAs:
MASALC@manchester.ac.uk
+44 (0)161 306 1259

For PhDs:
PhDSALC@manchester.ac.uk
+44 (0)161 275 3559

Research programmes

Art History and Visual Studies PhD
FT PT

Taught courses

Art History MA
FT PT

ARTS MANAGEMENT AND CULTURAL POLICY

- UK's only teaching, knowledge exchange and research centre for arts and cultural managers
- Staff active in academic research, professional development training and consultancy
- More than fifty active partnerships with cultural agencies and organisations
- Originated the UK's first Professional Doctoral programme for arts managers

Established in 2009, our Centre for Arts Management and Cultural Policy (CAMP) provides an axis for engagement, collaboration and partnership between arts and cultural managers, sector organisations and higher education, as part of the Institute for Cultural Practices. We work closely with our sister centres and programmes – Museology, Music, Drama, Applied Theatre, Screen Studies and New Writing – to forge a base for teaching, research, knowledge transfer and professional development relevant to professionals working in all areas of the arts.

Our MA Arts Management, Policy and Practice brings together theory and application of methods for those working in many areas of practice – including policy-making, strategic management and leadership, finance and resource development, marketing, engagement, education, research and evaluation – both within

cultural institutions and in other settings, such as community, education, public engagement and health.

CAMP has partnerships with many arts and cultural providers, inviting their contribution through guest lectures, site visits and master-classes, and offering postgraduate students placements and practice-based research in world-class venues and institutions across the region's creative and cultural industries.

The Centre also convenes: a Masters in Enterprise (MEnt) Arts and Cultural Management (with the Manchester Enterprise Centre), a supervised research route to business development with professional mentoring; Professional Doctorate in Arts and Cultural Management, a structured programme of doctoral research based in professional practice for arts managers in the UK; and PhD in Arts Management and Cultural Policy, a traditional doctoral research programme with research panel drawing on the wealth of expertise in core academic and affiliated staff.

Find out more...

www.manchester.ac.uk/artsmanagement

For MAs:
MASALC@manchester.ac.uk
+44 (0)161 306 1259

For PhDs:
PhDSALC@manchester.ac.uk
+44 (0)161 275 3559

Research programmes

Arts and Cultural Management
MEnt

FT PT

Arts and Cultural Management
Professional Doctorate

FT PT

Arts Management and Cultural
Policy PhD

FT PT

Taught courses

Arts Management, Policy and
Practice MA

FT PT



Being a placement student at the Whitworth Art Gallery, I am inspired by the passionate team and am now motivated to excel my skills and knowledge to contribute to the vibrant cultural scene of Manchester!



Mo Yin Kwok
MA Arts Management,
Policy and Practice

AUDIOLOGY

- UK leaders in translational and applied research, resulting in improved services and quality of life for hearing impaired individuals
- Advanced training at masters level
- Professional training in distinctive areas, such as paediatric audiology and audiology assessment

Audiology postgraduate training at Manchester allows you to apply your scientific background to improved diagnosis and wellbeing of individuals with hearing and balance disorders. Audiologists not only assess such disorders, but are also responsible for their management, which may include counselling, fitting of hearing devices (including electrical implants), and implementation of specialised exercises and repositioning manoeuvres for those with balance dysfunction.

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

We offer diploma and masters training within deaf education, providing support for qualified teachers with an evidence-based approach to meeting the diverse needs of deaf children.

Our MSc/PgDip in Audiology provides the theoretical, practical

and clinical basis of the science of audiology. They contain two short clinical placements in NHS audiology departments in the North West of England. Our post-registration MSc/PgDip/Cert in Advanced Audiology Studies includes a range of course units geared towards health professionals to provide a broad understanding of how audiology services interact with allied health sciences such as speech and language therapy.

Last year, we were one of only two providers awarded DoH funding to run the Scientist Training Programme, MSc in Clinical Science (Neurosensory Sciences): a new scheme within the Modernising Scientific Careers framework, a UK-wide education and training strategy for the whole healthcare science workforce in the NHS and associated bodies.

PhD research benefits from our outstanding reputation in enhancing audiology services, an area in which we are a recognised UK leader. Our MRC-supported Newborn Hearing Screening Programme and DoH-funded Modernising Children's Hearing Aid Services provide unique opportunities to influence UK policy and practice. We are now seeking to develop technological improvements in hearing devices, employ neural imaging techniques to examine auditory system function and plasticity, and develop better diagnostics and intervention tools.

We support authorship on eminent publications, presentation at conferences and engagement with the wider community during PhD training, to improve your skills development and career prospects. Our education and research provides opportunities to progress into leading roles within the NHS and independent sector. Many of

our graduates remain in academia by securing fellowships or progressing into lectureships.

Find out more...

www.manchester.ac.uk/psych-sci/aboutus/whatwedo/audiologyanddeafness
pg-psychology@manchester.ac.uk
+44 (0)161 275 8281

Research programmes

Audiology MPhil/PhD
FT PT

Taught courses

Audiology MSc/PgDip
FT

Advanced Audiology Studies
MSc/PgDip/PgCert
FT PT

Deaf Education PgDip
FT PT DL

See also Psychological Sciences p101.

CHEMICAL ENGINEERING AND ANALYTICAL SCIENCE

- World-leading, industrially relevant research and teaching
- State-of-the-art facilities
- Graduates in high demand
- Wide range of programmes for students from many backgrounds

RAE 4*20% 3*45% 2*35% 1*0%

Chemical Engineering and Analytical Science at Manchester is a world leader in industrially relevant research and teaching that brings together a diverse range of disciplines focused on science and technology for the process industries. World-renowned, we have an excellent reputation amongst employers for the high calibre of our graduates.

We are unique in the UK thanks to our breadth of disciplines, including chemical engineering, bioscience, physics, chemistry, mathematics and analytical and measurement science. Our School is a vibrant and stimulating environment in which to study and gives our students experience of an interdisciplinary environment, which is highly valued by industry worldwide. Employers know that our courses are academically challenging and our graduates are top class – that is why they will be so keen to employ you.

Our innovative teaching style and state-of-the-art facilities will help to make your experience as a postgraduate student hugely enjoyable. You can benefit from using equipment such as high-tech

monitoring and measuring devices, advanced computing and industrial-scale process plant test rigs. In 2012, our School moved to a brand-new, £12 million teaching building, housing state-of-the-art computer clusters, teaching laboratories, a bespoke enquiry-based-learning suite and a new pilot hall designed for chemical engineering in the 21st century. For further information on the new building, visit: www.manchester.ac.uk/ceas/aboutus/newbuilding

You will have even greater access to expertise and facilities through our University's research institutes, such as the Manchester Interdisciplinary Biocentre and the Photon Science Institute.

Taught courses are strongly informed by our leading-edge research and have been designed with input from world-renowned academics and the innovators and managers of prestigious international companies.

Our research groups are: Biorefinery Engineering, Complex Chemical and Biological Systems, Energy, Instrumentation and Analytical Science, Molecular Modelling, Simulation and Design, Nanomaterials and Interfaces, Process Integration, and Sustainability.

Find out more...

www.manchester.ac.uk/ceas/postgraduate

Research programmes

pgr-ceas@manchester.ac.uk
+44 (0)161 306 4360

Taught courses

pgt-ceas@manchester.ac.uk
+44 (0)161 306 4837

Research programmes

Analytical Science PhD/MPhil
FT PT

Biocatalysis PhD/MPhil
FT PT

Chemical Engineering PhD/MPhil
FT PT

Chemical Engineering and Analytical Science PhD/MPhil/MEnt
FT PT

Chemical Engineering and Analytical Science EngD/EntD
FT

Chemical Engineering and Analytical Science Integrated PhD
FT

Colloids, Crystals, Interfaces and Materials PhD/MPhil
FT PT

Instrumentation PhD/MPhil
FT PT

Multi-Scale Modelling PhD/MPhil
FT PT

Process Integration PhD/MPhil
FT PT

Systems Biology PhD/MPhil
FT PT

Environment and Sustainable Technology PhD/MPhil
FT PT

See also Engineering for Manufacture p68, Nanoscience p92, Nuclear Fission p94.

Taught courses

Advanced Chemical Engineering MSc/PgDip/PgCert
FT

Advanced Chemical Process Design MSc/PgDip/PgCert
FT

Advanced Process Design for Energy MSc/PgDip/PgCert
FT

Biotechnology MSc/PgDip/PgCert
FT

Chemical Engineering with Design MSc/PgDip/PgCert
FT

Environment and Sustainable Technology MSc/PgDip/PgCert
FT

Refinery Design and Operation MSc/PgDip/PgCert
FT

CHEMISTRY

- World-leading research
- Outstanding facilities
- Exceptional depth and range of expertise
- Alumni in top jobs

RAE 4*20% 3*45% 2*35% 1*0%

Our School of Chemistry continues Manchester's long and distinguished history of chemical innovation, from the birth of modern chemistry with John Dalton, through to Nobel Prize winners and Manchester students John Polanyi and Michael Smith.

We are the premier institution for chemistry in the North of England, and one of a handful of truly internationally competitive chemistry schools in the UK, with 62 teaching and 142 research staff. We also have one of the largest research schools in the UK, including 230 postgraduate students. In the most recent Research Assessment Exercise (RAE 2008), our School was ranked fourth in the UK, based on "research power".

We offer comprehensive academic coverage across the chemical sciences, excellent in-depth research in all the core sub-disciplines of chemistry, outstanding facilities and a strong portfolio of postgraduate degree programmes.

Our School is a major partner in the Manchester Interdisciplinary Biocentre (MIB), a novel research institute housed in an innovative new MIB building, and in the Photon Science Institute and Dalton Nuclear Institute. The MIB building is specifically designed to accommodate an interdisciplinary research community derived from

the biosciences, physical sciences, engineering and mathematics, with the aim of becoming a powerhouse of innovative research and technology development at the interface with biology.

We currently have a large portfolio of EPSRC research and BBSRC grants, alongside significant industrial and European funding, and our School currently holds £50 million of research grant. We enjoy world-class facilities and have several other centres strongly supported by industry, including:

- Centre of Excellence for Biocatalysis (CoEBio3)
- Organic Materials Innovation Centre (OMIC)
- Centre for Radiochemistry Research
- Centre for Nanoporous Materials
- Michael Barber Centre for Mass Spectrometry

OMIC and the Centre for Nanoporous Materials form part of the Knowledge Centre for Materials Chemistry.

Find out more...

www.manchester.ac.uk/chemistry

pg.chemistry@manchester.ac.uk
+44 (0)161 306 9279

Research programmes

Biological Chemistry PhD/MPhil
FT PT

Chemistry EngD/EntD/MSc by Research
FT PT

Chemistry PhD/MPhil/MEnt
FT PT

Inorganic Chemistry PhD/MPhil
FT PT

Materials Chemistry PhD/MPhil
FT PT

Organic Chemistry PhD/MPhil
FT PT

Physical Chemistry PhD/MPhil
FT PT

Theoretical Chemistry
PhD/MPhil
FT PT

Taught courses

Chemistry MSc/PgDip/PgCert
FT PT

Polymer Materials Science and
Engineering* MSc/PgDip/PgCert
FT PT DL

**Joint course with School of
Materials*

*See also Engineering for
Manufacture p68, Nanoscience
p92, Nuclear Engineering p93,
Nuclear Fission p94.*



Due to the work I am undertaking, the resources available to me, and the high calibre of my colleagues and supervisor, I really feel I am learning and developing at a rate, and to a level, which will give me the freedom to take my career in any direction I choose. ”

Karl Collins
PhD Organic Chemistry

CIVIL ENGINEERING

- Highly rated for research
- World class facilities
- Alumni in top jobs in industry and research

RAE 4*20% 3*50% 2*30% 1*0%

Our School of Mechanical, Aerospace and Civil Engineering is one of Europe's leading schools of engineering. Our diverse international community creates a stimulating and challenging learning environment that produces world-class professionals and achieves outstanding standards in research. We rank third in the UK for "research power" and our combined record of excellence is among the strongest in the country.

Our taught courses support both research activities and industrial needs that reflect the strength of our academic interests. Among the first of its kind on the UK, our Structural Engineering course is accredited by both the Institution of Structural Engineers and the Institution of Civil Engineers. Management of Projects offers you state-of-the-art project management education at either a generic postgraduate level, or with a commercial, construction or engineering focus.

Dedicated research groups include: Aerospace; Energy, Environment and Climate Change; Management and Manufacture; Nuclear; and Structures, Dynamics and Extreme Loading. The Aerospace Research Group undertakes research directly relevant to the aerospace industry and also of a quite fundamental nature.

On top of this, we have expert groups focusing on research

activity in the following areas: Advanced Flow Diagnostics and Instrumentation; Bioengineering; Built Environment; Coastal Processes; Computational Fluid Dynamics; Construction Science; Dynamics and Aeroelasticity; Energy and Multiphysics; Experimental Aerodynamics; Geo-Engineering; Impact and Explosion; Management of Projects; Marine Energy; Nuclear Graphite; Reliability, Availability, Maintenance and Safety; Smoothed Particle Hydrodynamics; Structures and Fire; and Turbulence Mechanics.

Find out more...

www.manchester.ac.uk/mace
pg-mace@manchester.ac.uk
+44 (0)161 306 9219

Research programmes

Civil Engineering PhD/MPhil
FT PT

Civil Engineering MSc by
Research
FT

Management of Projects
PhD/MPhil
FT PT

Management of Projects MSc
by Research
FT

Mechanical, Aerospace and
Civil Engineering EngD
FT

Taught courses

Structural Engineering MSc
FT

Management of Projects MSc
FT PT

Management of Projects –
Commercial/Construction/
Engineering pathways MSc
FT PT

CLASSICS AND ANCIENT HISTORY

- Strong, supportive research community
- Outstanding library collections, including papyri, mediaeval manuscripts, early printed books
- Excellent provision for Greek and Latin language teaching at all levels

RAE 4*25% 3*30% 2*35% 1*10%

One of the largest and liveliest centres for the study of the classical world in the UK (comprising 15 academic staff, 10 to 20 taught postgraduates and 15 to 20 research postgraduates), we are equally strong on both the Greek and Roman sides in history, literature and language. As well as offering comprehensive coverage of central and canonical subjects, we have expertise in a number of more rare, specialist fields, including epigraphy, ancient medicine and linguistics.

Building on our long and distinguished history, we have attracted ever-growing numbers of postgraduates, backed by strong investment from the University.

We pride ourselves especially on: our dynamic and inclusive international community of students; our talented research fellows and permanent staff; our weekly departmental lunch; our lively and sociable weekly research seminar, plus international conferences held at least annually; the high quality and exceptional delivery of our postgraduate programmes; our special emphasis on the development by our

postgraduates of appropriate language skills, both ancient (for controlling the sources) and modern (for reading modern scholarship); strong links (particularly for ancient historians) with the British Schools at Rome and Athens; and on the classical collections of our University Library, together with its special collections – a scholar's treasure trove with considerable exploitable potential.

Find out more...

www.manchester.ac.uk/arts/subjectareas/classicsandancienthistory

For MAs:

MASALC@manchester.ac.uk
+44 (0)161 306 1259

For PhDs:

PhDSALC@manchester.ac.uk
+44 (0)161 275 3559

Research programmes

Classics and Ancient History PhD
FT PT

Taught courses

Classics and Ancient History MA
FT PT

COMPUTER SCIENCE

- Top rated for research
- Facilities to support collaborative work and independent learning.
- Unrivalled depth and breadth of expertise
- Alumni in top jobs in industry and research

RAE 4*30% 3*55% 2*15% 1*0%

Choose to study at The University of Manchester and you will be joining one of the most innovative and successful Schools of Computer Science in the world.

Manchester saw the birth of computer science, with the creation of the world's first stored-program computer in 1948, and has contributed over the years to some of the discipline's most exciting and important innovations.

We continue to work on pioneering research, including cutting-edge image processing software, new technologies to exploit the power of the web, medical imaging software, low power chip design, new 'brain-like' computer architectures, and much more. Such world-class activities inform the content of our postgraduate programmes, enabling you to work with leading-edge technologies and research staff of international renown.

Today, we are rated amongst the top UK departments for the quality of our research. When both the quality and size of our research contributions are taken into account, Computer Science at Manchester ranks second in the UK and first in England.

Our School's Centre for Doctoral Training in Computer Science offers

a new four-year PhD, which combines deep technical research with training in creativity and innovation, reinforced by collaboration with industrial stakeholders who have taken a strong interest in the foundation of this centre.

Manchester is also renowned for our innovative approach to MSc teaching. Our size and research strength enable us to offer a combination of breadth, depth and flexibility that is difficult to find elsewhere. You are free to shape your own course by choosing from a wide spectrum of computer science and interdisciplinary topics.

The value of a Manchester Computer Science postgraduate degree is further reinforced through our ties with other disciplines, reflected in the breadth and interdisciplinary nature of many of the themes and pathways available on our programmes.

Find out more...

www.manchester.ac.uk/cs
pg-compsci@manchester.ac.uk
+44 (0)161 275 0698

Research programmes

Computer Science PhD
FT PT

Computer Science MPhil
FT PT

Computer Science MEnt
FT

Research projects are available in the following areas:

- Advanced Interfaces and Computer Graphics
- Advanced Processor Technologies
- Bio-Health Informatics
- Computer Vision
- Embedded and Hybrid Systems

- Formal Methods
- Information Management
- Machine Learning and Optimisation
- Nano Engineering and Storage Technology
- Software Engineering
- Text Mining

A list of research projects and funding opportunities is available online:

www.manchester.ac.uk/cs/phd/researchprojects

Doctoral Training Centre programme

Computer Science PhD (4 years)
FT

Taught courses

Advanced Computer Science MSc/MRes

FT PT

You can opt to follow the standard course, or to flavour your MSc by choosing a particular 'pathway'. These enable you to graduate from the long-established and highly respected ACS course, but with a specialism that reflects your interests and career aspirations.

Pathways include:

- ACS: Advanced Web Technology
- ACS: Artificial Intelligence
- ACS: Computer Security
- ACS: Computer Systems Engineering
- ACS: Data and Knowledge Management
- ACS: Digital Biology
- ACS: Multi-Core Computing
- ACS: Semantic Technologies
- ACS: Software Engineering
- Computer Science Foundation Route DL

Advanced Computer Science and IT Management MSc*

FT PT

* *Taught in collaboration with Manchester Business School*

In addition to our full-time and part-time programmes, a number of modular and distance learning options are offered via face-to-face or distance learning study. Individual course units can be built up to obtain the following qualifications:

Postgraduate Certificate

Postgraduate Diploma

Digital Biology MSc

Multi-Core Computing MSc

To find out more, contact our Advanced Professional Education Unit:

www.manchester.ac.uk/cs/ape
ape@cs.man.ac.uk
+44 (0)161 275 0140

CREATIVE WRITING AND CONTEMPORARY LITERATURE

- Prize-winning teaching staff
- Home to The Manchester Review
- Acclaimed 'Literature Live' reading series
- Strong record of graduate publication

RAE 4*30% 3*45% 2*25% 1*0%

Home to our postgraduate degrees in Creative Writing, and in Contemporary Literature and Culture, our Centre for New Writing is a place where talented writers and critics of contemporary literature and culture can meet and exchange ideas and opinions. The Centre is founded on the simple but important principle that good writing and good reading go together.

Our students enjoy opportunities including: 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; free entry to 'Literature Live', a fortnightly reading series bringing the best contemporary novelists and poets to Manchester; and regular visits from literary agents and editors. The Centre is also home to our online journal: The Manchester Review.

Distinguished teaching staff include: novelists Jeanette Winterson, MJ Hyland, Geoff Ryman and Ian McGuire; poets John McAuliffe and Vona Groarke; and literary and cultural critic Kaye Mitchell.

Find out more...

www.manchester.ac.uk/arts/newwriting

For MAs:
MASALC@manchester.ac.uk
+44 (0)161 306 1259

For PhDs:
PhDSALC@manchester.ac.uk
+44 (0)161 275 3559

Research programmes

Creative Writing PhD
FT PT

Taught courses

Contemporary Literature and Culture MA
FT PT

Creative Writing MA
FT PT

CRIMINOLOGY AND CRIMINAL JUSTICE

- Highly prestigious law school
- Extensive breadth of social science perspectives

Our Centre for Criminology and Criminal Justice Studies brings the field of criminology into our School of Law. Manchester's Law School is one of the oldest and most prestigious in the country and has a major international reputation for research and teaching in sociolegal studies.

More than 30 staff use a range of social science methods in studying crime, the justice system and law more widely. Members bring the insights and methods of criminology, sociology, anthropology, psychology and economics to a diverse range of problems and policy issues. The breadth of social science perspectives is one of our major strengths.

Criminology is an ESRC-recognised outlet for PhD training. Our staff members are international experts in their field and hold a number of prestigious grants and awards.

Students pursuing advanced degrees in our Centre join a lively interdisciplinary group of scholars and an active postgraduate student community.

Find out more...


www.manchester.ac.uk/law

Research programmes

research-law@manchester.ac.uk
+44 (0)161 306 1279

Taught courses

pg-law@manchester.ac.uk
+44 (0)161 306 1270



Professor Patricia Duncker
Professor of Contemporary Writing
Centre for New Writing

“

I enjoy teaching postgraduates, who come with their own preoccupations and literary interests, their own agendas. Sometimes they want to pursue an interest they developed as undergraduates, and sometimes they come to us from other universities, perhaps in other countries, wanting to take advantage of what we offer that is special. All the writing and knowledge that awaits them – it makes teaching a delight. And the texts I read and teach feed directly into what I write, so I feel my teaching is nurturing my writing all the time.

”

Patricia Duncker is Professor of Contemporary Writing in our School of Arts, Histories and Cultures, and an award-winning novelist. Born in Jamaica, she moved to England at the age of 13. Since entering higher education in 1975, Patricia has worked in institutions across the UK and in France, coming to Manchester in 2006 – where she intends to stay.

“My colleagues are excellent; they all have very lively, creative imaginations. Very often you find that they are considered to be not only AN expert in their field, but THE expert in their field. Our department here at Manchester excels on two fronts: we can offer students practising novelists and poets as their teachers, as well as critical experts in the field of literary studies. This is particularly important for the PhD, in which students must master two very different discourses: critical and creative.”

MANCHESTER

MADE ME...

DISCOVER, AND INSPIRE,
CREATIVITY

Research programmes

Criminology PhD
FT PT

Taught courses

Crime, Law and Society MA
FT PT

Criminology and Socio-Legal
Studies MRes
FT PT

See also Law p75.

DENTISTRY

- Highest ranked UK Dental School for research
- Clinical and research training offered in partnership with the National Health Service (NHS)
- Dedicated Postgraduate Dental Education Centre

RAE 4*30% 3*45% 2*25% 1*0%

We are proud to offer more than 100 postgraduate students, from diverse clinical and science backgrounds, an invigorating environment in our School of Dentistry that will educate, inform and inspire you.

Holding the highest UK ranking for research quality in the most recent Research Assessment Exercise, our research opportunities reflect our priorities in improving the scientific understanding of craniofacial and oral health. We employ innovative developmental biology and biomaterial approaches to enable craniofacial health interventions. Oral health provision includes health services research, systematic reviews, caries and diagnostic research, oral radiology and imaging.

Our research activity influences UK policy in dental services provision, and our PhD students are a key element of this. We encourage authorship on publications, representation at international conferences and communicating science to the public across our PhD community. Browse our research interests online; if you don't find what you're looking for, contact us, as we may still be able to meet your needs.

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.

We also offer innovative one-year and three-year clinical MSc courses in the major dental specialties; the three-year course confers eligibility to challenge Royal College specialty examinations.

Our new Postgraduate Dental Education Centre, developed in partnership with NHS Manchester, gives you access to patients and the latest materials and equipment, providing a training environment that equips you with the skills, expertise and support to progress into prestigious clinical and research careers.

Finally, our online MSc courses – Dental Public Health, and Restorative and Aesthetic Dentistry – accommodate those busy people who wish to expand their knowledge, but cannot study away from home.

Find out more...

www.manchester.ac.uk/dentistry
pg-dentistry@manchester.ac.uk
+44 (0)161 306 0239

Research programmes

Basic Dental Science (Cancer Studies) PhD/MPhil

FT PT

Basic Dental Science (Molecular Genetics) PhD/MPhil

FT PT

Basic Dental Science (Stem Cell Biology) PhD/MPhil

FT PT

Biomaterials Science and Dental Technology PhD/MPhil

FT PT

Dental Public Health/Community Dentistry PhD/MPhil

FT PT

Endodontology PhD/MPhil

FT PT

Integrated Clinical PhD

FT PT

Operative Dentistry PhD/MPhil

FT PT

Oral and Maxillofacial Surgery
PhD/MPhil

FT PT

Oral Radiology PhD/MPhil

FT PT

Orthodontics PhD/MPhil

FT PT

Prosthodontics PhD/MPhil

FT PT

Restorative Dentistry PhD/MPhil

FT PT

*Contact us to find out about
other research degrees*

Taught courses

Clinical Dentistry (Fixed and
Removable Prosthodontics) MSc

FT

Clinical Dentistry (Oral and
Maxillofacial Surgery) MSc

FT

Clinical Dentistry (Orthodontics)
MSc

FT

Dental Implantology

MSC/PgDip/PgCert

PT

Dental Public Health

MDPH/MRes/PgDip/PgCert

PT FT DL

Endodontics MSc/Clinical
Dentistry (Endodontics) MSc

FT

Endodontics PgDip

PT

Fixed and Removable
Prosthodontics MSc

FT PT

Oral and Maxillofacial Surgery
MSc/PgDip

FT PT

Restorative and Aesthetic
Dentistry MSc

PT DL

DRAMA

- Top-rated for research with diverse range of research expertise
- Flexible, choice-based MA courses
- Personalised mentoring and staff support
- Excellent links to cultural sector in a vibrant city

RAE 4*45% 3*40% 2*15% 1*0%

Founded in 1961 by a generous gift from Granada Television, Drama at Manchester has developed an international reputation for high quality research. Our approach combines an emphasis on historical and theoretical perspectives with practical exploration and understanding. Across all of our research and taught programmes, we focus on critical and creative explorations of diverse theoretical perspectives, and practical innovation and application in drama, theatre and performance.

We have some of the country's leading researchers, who publish widely and promote a lively and innovative research culture. Our postgraduates benefit from access to personalised mentoring and support and professional research training delivered by active researchers. Within a context of structured support, we encourage you to pursue independent research projects that extend existing expertise in new and exciting directions. You have opportunities to engage with professional contexts of theatre and screen practice and to participate in the vibrant research culture in the subject area.

Our impressive £6 million facilities include the John Thaw Studio

Theatre, Cosmo Rodewald Concert Hall and Joint Electro-Acoustic Music Studios, plus professional-standard audio-visual facilities and excellent workshop and practice spaces. All our staff are active within our three main research strands: Theatre Studies, Applied Theatre and Screen Studies.

Find out more...

www.manchester.ac.uk/drama

For MAs:

MASALC@manchester.ac.uk

+44 (0)161 306 1259

For PhDs:

PhDSALC@manchester.ac.uk

+44 (0)161 275 3559

Research programmes

Anthropology, Media and
Performance PhD

FT PT

Drama PhD

FT PT

Professional Doctorate in
Applied Theatre

PT

Taught courses

Applied Theatre (pathway of
MA Theatre and Performance)
MA

FT PT

Screen Studies MA

FT PT

Theatre and Performance MA

FT PT

*See also Humanitarianism and
Conflict Response p72.*

EARTH, ATMOSPHERIC AND ENVIRONMENTAL SCIENCES

- Excellent graduate opportunities
- At the forefront of international research
- Superb campus facilities and fieldwork stations

RAE 4*20% 3*50% 2*25% 1*5%

Our School's research focuses on the processes that shape the Earth and influence our atmosphere. Research specialisations range from the formation of elements in stars, to the safe disposal of radioactive waste and humanity's effects on the Earth and its atmosphere.

Academic staff have experience and expertise across a wide range of disciplines and our School is uniquely placed to offer a broad spectrum of research and taught postgraduate degree courses, and to provide authoritative teaching and training across the breadth of the subject.

Our School's excellent Research Assessment Exercise rating (see above) demonstrates that we are at the forefront of international research – and we actively promote links between our current research and our teaching courses. We also promote our science to the public, most recently through the popular television programmes 'Walking with Dinosaurs', 'Live from Dinosaur Island', 'Jurassic CSI', the BBC series on 'Rain, Snow and Wind' and 'Flying into a Storm' – and via our regular 'Barometer podcast' on our School website, which covers weather and climate issues.

We have a large and very active research school, with substantial support from the Government and industry. Research activity centres on the following seven major research groups:

- Atmospheric Sciences
- Basin Studies and Petroleum Geoscience
- Environmental Geochemistry and Geomicrobiology
- Isotope Geochemistry and Cosmochemistry
- Palaeontology
- Physics and Chemistry of Minerals and Fluids
- Structural and Petrological Geoscience

Our superb equipment base supports research and teaching, together with associated sample preparation and workshop facilities. Fieldwork related to earth and atmospheric sciences takes place at a huge variety of locations around the world. In addition to our wealth of laboratory facilities, we also maintain hilltop stations in the Southern Pennines and run a Cessna light aircraft (unique among UK university groups).

Increasing environmental awareness, climate change concerns and a buoyant oil industry provide a wealth of opportunities for our graduates, who can be found worldwide in environmental consultancies, in oil and power generation companies, and in research positions, both industrial and academic.

Find out more...

www.manchester.ac.uk/seaes
pg-earthsci@manchester.ac.uk
 +44 (0)161 275 0776

Research programmes

Atmospheric Sciences
 PhD/MPhil/MSc by Research

FT PT

Basin Studies and Petroleum Geoscience PhD/MPhil/MSc by Research

FT PT

Earth, Atmospheric and Environmental Sciences
 PhD/MPhil/MEnt/MSc by Research/EntD

FT PT

Environmental Geochemistry and Geomicrobiology
 PhD/MPhil/MSc by Research

FT PT

Isotope Geochemistry and Cosmochemistry
 PhD/MPhil/MSc by Research

FT PT

Palaeontology PhD/MPhil/MSc by Research

FT PT

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

FT PT

Structural and Petrological Geoscience PhD/MPhil/MSc by Research

FT PT

See also Nuclear Fission and Sustainable Consumption

Taught courses

Master of Environmental Sciences, Policy and Management (MESPOM)

FT

Petroleum Geoscience for Exploration MSc

FT

Petroleum Geoscience for Reservoir Development and Production MSc

FT

Pollution and Environmental Control MSc

FT PT

EAST ASIAN STUDIES

- Focus primarily on modern and contemporary East Asia
- Within humanities and social sciences perspectives
- Strength in media technology and cultural process

RAE 4*10% 3*25% 2*45% 1*20%

Introduced in 2008, East Asian Studies at Manchester comprises Chinese and Japanese Studies. You may undertake postgraduate research in either area, and on transnational topics that span Chinese and Japanese cultural spheres and examine relationships and phenomena across the region. We focus primarily on the modern era, from humanities and social sciences perspectives, across a wide range of areas and topics.

Staff research interests in Japanese Studies include: contemporary society; education, socialisation and identity; social and cultural history; gender and the emergence of femininity in Japan; contemporary girls' culture; cultural production and the media; anime, film and social discourse; Japanese medical history and social policies related to medicine; the language of modern television dramas; and language pedagogy, dictionaries and translation.

Chinese Studies is associated with our Faculty of Humanities' Centre for Chinese Studies. Research focuses on contemporary China, particularly since the founding of the People's Republic of China in 1949. China is also studied in the broad sense as transnational China, encompassing the whole of the Chinese-speaking world. Study and

research in the global context aims to understand how China and the Chinese-speaking world influences and impacts on the global community, and vice versa.

Current research includes Chinese history, including studies of the development of science and technology in China in pre-modern and the modern day; Chinese media, information and technology; Sino-Western interactions; contemporary Chinese culture (including sub-cultures) and society; identity formation and transformation; and Chinese foreign policy and security, nationalism and transnationalism.

Find out more...

www.manchester.ac.uk/humanities/ccs

www.manchester.ac.uk/llc/subjects/east-asian
PhDSALC@manchester.ac.uk
+44 (0)161 275 3559

Research programmes

Chinese Studies PhD/MPhil
FT PT

East Asian Studies PhD/MPhil
FT PT

Japanese Studies PhD/MPhil
FT PT

ECONOMICS

- Research excellence in all the core areas of economics
- In the top ten of UK Economics departments
- Three or four year doctoral programme
- Dedicated postgraduate research courses

RAE 4*25% 3*55% 2*20% 1*0%

Economics at Manchester is a leading centre for economics research and research-led teaching. The international reach and significance of our research was confirmed by the most recent Research Assessment Exercise (2008), placing us in the top ten of all UK Economics departments. Many famous names in economics have worked in Manchester, including three Nobel prize-winners: Sir John Hicks (1938-46), Sir Arthur Lewis (1948-58) and Professor Joseph Stiglitz (2005-present).

Graduate students from around the world come to study economics here, attracted by our first-class postgraduate training and supervision in the core and specialist areas of economics. In any one year, we have around 200 postgraduate students taking one of our MA or MSc courses, or undertaking research for a PhD. Many students on the MA or MSc progress to a PhD, either in Manchester or elsewhere. Others find jobs with high profile employers.

Our research excellence encompasses all the core areas of:

- Microeconomics and Mathematical Economics
- Macroeconomics, Growth and Development
- Econometrics and Applied Economics
- Environmental and Resource Economics
- Development Economics and Policy
- Health Economics

We aim to address today's key economic research questions, building on the core ideas of economics. Interdisciplinary research is actively pursued: research in development economics and health economics involves a number of different Schools. You will be automatically involved in our specialist research areas through the dissertation component of the MA and MSc, or through your PhD research.

Our Economics doctoral programme is a three or four-year '2+2' model. The first year is a Manchester MSc or equivalent, followed by a further year of taught course units. You complete the programme with two years of full-time research. Our PhD students are provided with desk space in the heart of the Economics office area. We can fund up to ten new PhD students each year through studentships.

Find out more...

www.manchester.ac.uk/socialsciences
pg-soss@manchester.ac.uk

Research programmes

+44 (0)161 275 4743

Taught courses

+44 (0)161 275 4471

Research programmes

Economics MRes/PhD
FT PT

Taught courses

Econometrics MSc
FT PT

Economics MA
FT PT

Economics MSc
FT PT

Economics and Econometrics MSc
FT PT

Economics (Environmental Economics) MSc
FT PT

Economics (Economics of Health) MSc
FT PT

Financial Economics MSc
FT PT

See also *Humanitarianism and Conflict Response* p72,
International Development (IDPM) p73.



In a nutshell, Manchester University has equipped me with the intellectual, analytical and practical skills necessary for an economist working in private or public organisations.



Kuhelika De
MA Economics

EDUCATION

- High quality research: 85% internationally recognised, 20% world leading
- All teacher training courses rated "outstanding" by OFSTED, 2010-11
- Wide range of professionally orientated masters courses

RAE 4*20% 3*35% 2*30% 1*10%

Our School of Education undertakes research that is at the cutting edge of theory and practice. We contribute to improvements in the overall quality of education for learners, their families and communities in educational settings throughout the world. We encourage critical engagement in a diverse range of educational issues and attract staff and students from a broad variety of backgrounds who want to work together to solve real world problems.

With one of the UK's largest graduate educational research communities, we offer a rich diversity of opportunities for postgraduate research students, including a full range of full-time and part-time PhD routes and four professional doctorates. We seek to create a vibrant international postgraduate community that is welcoming, supportive and friendly.

We encourage you to attend research seminars and reading groups from the range that we offer, while high-quality research methods training is assured on our MSc in Educational Research.

Our University is also a member of the Economic and Social Research Council's North West Doctoral Training Centre, the largest centre in England for social science postgraduate training; and we provide access to courses organised by the highly acclaimed Methods @

Manchester research training for the social science disciplines.

Find out more...

www.manchester.ac.uk/education

pg-education@manchester.ac.uk
+44 (0)161 275 3463

Research programmes

Education PhD

FT PT

Doctorate in Counselling Psychology DEdChPsychol

FT

Doctorate in Educational and Child Psychology DEdChPsychol

FT

Doctorate in Education EdD

PT

Doctorate in Educational Psychology DEdPsy

PT

Taught courses

Counselling MA

PT

Critical Learning Disability Studies MA

PT

Digital Technologies, Communication and Education MA

FT PT DL

Education (International) MA

FT

Educational Leadership and Improvement MA

PT

Educational Leadership and Improvement (Inclusive Education) MA

PT

Educational Leadership and School Improvement MA

FT

Educational Leadership and School Improvement (Inclusive Education) MA

FT

Educational Research MSc

FT PT

PGCE Primary

FT

PGCE Primary (with Language Specialism)

FT

PGCE Secondary Business Education

FT

PGCE Secondary Design Technology

FT

PGCE Secondary English

FT

PGCE Secondary Mathematics

FT

PGCE Secondary Modern Languages (French/German/Spanish)

FT

PGCE Secondary Science (Biology/Chemistry/Physics)

FT

PGCE Secondary Physics with Mathematics

FT

Profound and Complex Learning Disability MSc/PgCert

DL

Psychology of Education MEd

FT PT

TESOL MA (with pathways in Educational Technology, Intercultural Education and Teacher Education)

FT PT DL

*Subject to approval



When the whole course content is at your fingertips, and when you have such supportive, knowledgeable and approachable tutors, everything runs smoothly.



Işıl Boy
MA in Educational Technology and TESOL

ELECTRICAL AND ELECTRONIC ENGINEERING

- Research income: Over £8m per year (average)
- Research themes: Involved in all research areas in the subject, with particular interests in Energy, Electronics in Agriculture (e-Agri) and Autonomous Systems
- Outstanding experimental facilities
- Around 15% of our taught postgraduates stay on to study for a research degree

RAE 4*25% 3*45% 2*30% 1*0%

Our School of Electrical and Electronic Engineering is one of the largest schools of this discipline in the UK, with an excellent reputation in both academia and industry. We have a postgraduate population of more than 400 students, with around 180 of these studying for research degrees.

More than 60 members of research-active academic staff are distributed between six research groups, which cover the broad spectrum of activities involved in electrical and electronic engineering:

- Control Systems
- Electrical Energy and Power Systems
- Microelectronics and Nanostructures
- Microwave and Communication Systems
- Power Conversion
- Sensing, Imaging and Signal Processing

The most recent Research Assessment Exercise (RAE 2008) highlighted our excellence in research, ranking us second in the UK in terms of "research quality". This is further confirmed by our collaborations with companies such as Rolls-Royce, BP, National Grid, Syngenta, Oxford Instruments, EDF, National Instruments, Agilent, BT, HMGCC, Nexia, Rapiscan Systems and the European Space Agency.

Our research always aims to advance fundamental knowledge and applications across a wide spectrum by working with industry, national facilities and university groups, or by pursuing commercial exploitation.

The great breadth and depth of the research interests of our academic staff ensures a high standard of lectures and provides you with excellent opportunities for challenging and stimulating research projects.

We offer a number of high quality, specialist taught MSc courses, which attract a large number of outstanding students each year.

Graduates from our School are highly sought after by employers.

Find out more...

www.manchester.ac.uk/eee

Research programmes

pgr-eee@manchester.ac.uk
+44 (0)161 306 4800

Taught courses

pgt-eee@manchester.ac.uk
+44(0)161 306 4701

Research programmes

When applying online, enter one of the following titles in the Programme Description field:

Electrical and Electronic Engineering PhD/MPhil/Split-site PhD/MSc by Research

FT PT

Electrical and Electronic Engineering EntD

FT

Electrical and Electronic Engineering MEnt FT

PT

Electrical and Electronic Engineering EngD

FT

In the Proposed Research section within the online application form, enter one of the following in the Research Title field:

- Control Systems (CS)
- Electrical Energy and Power Systems (EEPS)
- Microelectronics and Nanostructures (M&N)
- Microwave and Communication Systems (MACS)
- Power Conversion (PC)
- Sensing, Imaging and Signal Processing (SISP)

If you are unsure of the appropriate research programme/group, please indicate the area of research that you are interested in and we will circulate your application to the appropriate staff.

Taught courses

Advanced Control and Systems Engineering MSc

FT

Communication Engineering MSc

FT

Digital Image and Signal Processing MSc

FT PT

Electrical Energy Conversion Systems MSc

FT PT

Electrical Power Systems Engineering MSc


FT PT

Renewable Energy and Clean Technology MSc

FT

We are continually developing our School's portfolio of MSc courses; visit our website for the latest information.

See also Engineering for Manufacture p68, Nanoscience p92.



Sumaiyah Mohd Salahuddin
24, Malaysia
MSc Electrical Power Systems Engineering

“

I was a reserved person before entering the University, but now I have more confidence to communicate with others and adapt myself to any situation. The University, and specifically the course, has prepared me a lot in building my foundation for becoming a professional engineer. This includes gaining confidence with technical presentations, brushing up problem-solving skills with different design problems, and solidifying technical knowledge with in-depth theory.”

”

Following an undergraduate degree at Manchester, Sumaiyah decided to take her masters degree here too, because of the quality of teaching and research relating to her course of choice. She particularly enjoys the multicultural variety of food available in Manchester, and its quiet parks. Outside her studies, she is part of the Malaysian Community of Old Trafford, and is lead singer and guitarist in a student band.

“I have enjoyed every single bit of this course. I have developed more skills in electrical network design capabilities, not only in technical aspects, but also in economic and social aspects. Also, I have developed good research skills. I am the student representative of the course, which has helped me build up my confidence and communication skills. I must say the support that staff have given us was precious and very much appreciated. I hope to work on gaining chartered engineer status; and, if possible, I would like to come back to this University to pursue my PhD.”

**MANCHESTER
MADE ME...
READY TO BE AN ENGINEER**

ENGINEERING FOR MANUFACTURE

- Accredited by IMechE and IET, allowing rapid mentored progression to CEng
- Run in collaboration with the manufacturing industry, for maximum relevance

Our EngD in Engineering for Manufacture is a four-year postgraduate research programme aimed at outstanding young engineers who are considering a career in industry.

It comprises four elements: a doctoral-level research project, or portfolio of projects; a Diploma in Enterprise Management; taught technical course units; and an accredited professional development programme designed to enhance your self-confidence and help you develop leadership and management skills.

In addition to obtaining a high quality doctoral qualification, you will gain an understanding of how technology-driven businesses innovate, how they manage their operations and respond to the non-technical challenges they face in developing new products and processes.

This is complemented by the practical experience of working closely with collaborating industrial R&D teams; wherever possible, you will be based within a company facility for a significant portion of your four years.

There is a strong cohort basis to the programme; students from across the cohort come together with other EngD students for courses, workshops and other activities.

Find out more...

www.manchester.ac.uk/engd
engd.centre@manchester.ac.uk
+44 (0)161 306 4157

Research programmes

Engineering for Manufacture
EngD
FT

ENGLISH AND AMERICAN STUDIES

- 75% of research rated "world leading" or "internationally excellent"
- Unrivalled breadth and depth of expertise, from medieval to modern
- World-class library with exceptionally rich holdings in our field
- Excellent employment prospects

RAE 4*30% 3*45% 2*25% 1*0%

Postgraduate study in English and American Studies at Manchester has a strong research record and staff of internationally recognised standing, covering both traditional and emerging areas of the discipline, as evidenced by our active research groups: American Studies, Centre for the Study of Sexuality and Culture, Medieval and Literary and Cultural Studies, Early Modern Studies, Modernism, and Postcolonial and Irish.

Our large, active postgraduate English and American studies community runs an annual conference and publishes its own journal.

We offer excellent postgraduate facilities, including a workshop, computer clusters and common room, plus a bursary scheme for MA students and sponsorship for PhD students to attend conferences.

Find out more...

www.manchester.ac.uk/drama

For MAs:

MASALC@manchester.ac.uk

+44 (0)161 306 1259

For PhDs:

PhDSALC@manchester.ac.uk

+44 (0)161 275 3559

Research programmes

English and American Studies

PhD

FT PT

Taught courses

American Studies (History) MA

FT PT

American Studies (Literature and Culture) MA

FT PT

English and American Studies MA

FT PT

Medieval Studies MA

FT PT

Literatures and Cultures 1200-1700 MA

FT PT

Post-1900 Literatures, Theories and Cultures MA

FT PT

Postcolonial Literatures and Cultures MA

FT PT

See also *Creative Writing and Contemporary Literature* p58, *Gender, Sexuality and Culture* p70, *History* p72.

**ENVIRONMENT
ENGINEERING**

- Highly rated for research
- World class facilities
- Alumni in top jobs in industry and research

RAE 4*20% 3*50% 2*30% 1*0%

Energy, environment and climate change research are strongly interlinked. The challenges for energy research will increase against a background of climate change, changing energy provision within uncertain world politics, increasing world population, increasing pollution and need for control and remediation.

Our specialist centres include the Joule Centre, which focuses on energy research on both the supply and demand side, and the Tyndall Centre, a distributed national centre for research into climate change mitigation and adaptation. Manchester is taking the lead on decarbonisation of energy systems and long-term coastal processes.

Our School of Mechanical, Aerospace and Civil Engineering is one of Europe's leading schools of engineering. Our diverse international community creates a stimulating and challenging learning environment that produces world-class professionals and achieves outstanding standards in research. We rank third in the UK for "research power" and our combined record of excellence is among the strongest in the country.

Find out more...

www.manchester.ac.uk/mace

pg-mace@manchester.ac.uk

+44 (0)161 306 9219

Research programmes

Environmental Engineering

PhD/MPhil

FT PT

**EUROPEAN
LANGUAGES
AND CULTURES**

- Vibrant postgraduate culture: research and professional programmes
- Outstanding breadth and interdisciplinarity across all the major European languages
- Dedicated Centre for Graduate Studies

French

RAE 4*15% 3*35% 2*35% 1*15%

**German, Dutch and
Scandinavian Languages**

RAE 4*20% 3*35% 2*30% 1*15%

**Iberian and Latin American
Languages**

RAE 4*30% 3*45% 2*20% 1*5%

Italian

RAE 4*20% 3*35% 2*40% 1*0%

**Russian, Slavonic and East
European Languages**

RAE 4*35% 3*35% 2*25% 1*5%

Language-based disciplines are at the heart of our new School of Arts, Languages, and Cultures, offering an outstanding breadth of interdisciplinary expertise across European languages and cultures.

Our diverse postgraduate programmes in French, German, Iberian and Latin American languages, Italian, and Russian and East European languages are united by common interests in the study of languages and their application in cultural, historical, political and social studies; in linguistics; and in translation and intercultural studies. Our research interests cover all historical periods from the Middle Ages onwards, and extend to visual, screen and performance studies, migration and diaspora studies, Holocaust studies,

postcolonial studies, gender and sexuality studies and critical theory.

Our University is one of the country's pre-eminent centres for research in European languages, cultures and societies, and we make that expertise available to postgraduate students via our wide range of research and professionally oriented programmes.

Find out more...

www.manchester.ac.uk/llc/postgraduate

For MAs:

MASALC@manchester.ac.uk
+44 (0)161 306 1259

For PhDs:

PhDSALC@manchester.ac.uk
+44 (0)161 275 3559

Research programmes

French Studies PhD/MPhil

FT PT

German Studies PhD/MPhil

FT PT

Italian Studies PhD/MPhil

FT PT

Polish Studies PhD/MPhil

FT PT

Portuguese Studies PhD/MPhil

FT PT

Russian Studies PhD/MPhil

FT PT

Spanish Studies PhD/MPhil

FT PT

Taught courses

Conference Interpreting MA

FT PT

Intercultural Communication MA

FT PT

Languages and Cultures
(research route) MA

FT PT

Languages and Linguistics MA

FT PT

Translation and Interpreting
Studies MA

FT PT

GENDER, SEXUALITY AND CULTURE

- Unique MA offering options in diverse academic disciplines
- MA contributors include authors of world-leading research
- World-class library with unusually rich holdings in these subjects

This interdisciplinary subject is offered by the Centre for the Study of Sexuality and Culture within our new School of Arts, Languages, and Cultures.

Our taught MA is unique within the UK, as it brings together scholars offering options in diverse academic disciplines, including English and American studies, art history and visual cultures, history, modern languages, religions and theology, history of medicine, sociology, social anthropology, politics, and others.

Our University's research culture is unusually rich for the study of gender and sexuality, and many disciplines with offerings in this area were rated "world-leading" or "internationally excellent" in the more recent Research Assessment Exercise.

The University of Manchester Library has one of the best collections of journals, books and archival resources focused on gender and sexuality studies in the UK. You will also have access to other university libraries through the CALIM scheme. Excellent additional research facilities and other unique data sources are also available.

Our Centre for the Study of Sexuality and Culture hosts an annual Sexuality Summer School that addresses current debates within queer studies, emphasising in particular its implication for the interdisciplinary study of culture.

We welcome applications from doctoral and masters-level students from any university.

Find out more...

www.manchester.ac.uk/english

For MAs:

MASALC@manchester.ac.uk
+44 (0)161 306 1259

For PhDs:

PhDSALC@manchester.ac.uk
+44 (0)161 275 3559

Research programmes

English and American Studies
PhD

FT PT

Taught courses

Gender, Sexuality and Culture
MA

FT PT

See also *Sociology p107*.

GEOGRAPHY

- New, state-of-the-art laboratory facilities
- Strong focus on fieldwork and the practical application of theory
- Geography taught at Manchester for over 100 years
- Excellent graduate employment record

RAE 4*15% 3*50% 2*30% 1*5%

Taught at Manchester for over a century, Geography today is a division of our School of Environment and Development (SED), located in a modern, well-equipped and self-contained building.

We have been rated excellent for teaching and produce research of global excellence, with 65% of our research activity defined as "world leading" or "internationally excellent" in the 2008 RAE. Our international research expertise crosses diverse areas, such as economic geography, urban geography, political ecology, environmental change, upland hydrology, geographical information systems, geoarchaeology and water management.

We integrate our postgraduate programmes into our overall research ethos, which aims to produce both theoretically and policy-relevant contributions to geographical knowledge.

Our masters courses provide you with specialist training, laying the foundations for successful careers in the worlds of consultancy or policymaking, as well as providing preparation for PhD study.

Annual scholarships at PhD level are available from various funding

bodies, including the ESRC and our own University.

SED also offers a £500 bursary to University of Manchester alumni enrolling on one of our masters degree courses in Geography, International Development or Planning. To be eligible for the award, you must have graduated from our University with a First class Honours bachelors degree. Eligible applicants are automatically nominated for the awards once they receive an offer, and the bursary is deducted from your fee at registration.

Find out more...

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

geography

sed.admissions@manchester.ac.uk

+44 (0)161 275 0969

Research programmes

Geography: Human Geography
MPhil/PhD

FT PT

Geography: Physical Geography
MPhil/PhD

FT PT

Taught courses

Environmental Governance MSc
FT PT

Environmental Monitoring,
Modelling and Reconstruction
MSc

FT PT

Geographical Information
Science MSc

FT PT

See also *International Development (IDPM) p73, Planning p98.*



I completed a summertime placement at the Department of Energy and Climate Change as a policy advisor. I recently accepted a position at a leading brokerage firm trading carbon credits and investing in renewable energy projects in developing countries. Without the MSc, these opportunities would have evaded me.



Işıl Boy
MA in Educational
Technology and TESOL

HISTORY

- Cutting-edge course content, thanks to a global reputation for research
- Particularly broad range of programmes, including various periods within and approaches to history
- Vast archives of historical material, including rare volumes

RAE 4*20% 3*40% 2*30% 1*10%

Postgraduate research in History at Manchester is stimulated by our interactive environment of high-profile historians working on cultural, social, economic and political research projects, in fields from the medieval to the late modern period.

You will benefit from renowned holdings in our University Library and numerous regional historical research assets, such as the People's History Museum. We have a highly successful record in securing outside PhD awards, as well as our own studentship, and we also offer sustained and material support with career development (eg through teaching assistantships).

Our wide range of MA courses, taught by leaders in their fields, offer advanced training in the current state of knowledge in these fields – and, for those seeking it, a springboard for PhD research. The quality of our programmes has been recognised by an AHRC block grant of four to five awards annually for doctoral research, and three to four awards annually for our MA, complemented by various University awards.

Find out more...

www.manchester.ac.uk/llc/postgraduate

For MAs:
MASALC@manchester.ac.uk
+44 (0)161 306 1259

For PhDs:
PhDSALC@manchester.ac.uk
+44 (0)161 275 3559

Research programmes

History PhD

FT PT

History: Economic and Social
History Integrated PhD

FT

Taught courses

Cultural History MA

FT PT

Early Modern History MA

FT PT

Economic and Social History MA

FT PT

History MA

FT PT

Medieval Studies MA

FT PT

Modern British History MA

FT PT

Modern European History MA

FT PT

Victorian Times MA

FT PT

War, Culture and History MA

FT PT

World History MA

FT PT

See also Humanitarianism and Conflict Response p72.

HUMANITARIANISM AND CONFLICT RESPONSE

- Informs and supports policy and decision makers
- Aims to optimise joint working between partner organisations
- Fosters increased understanding and debate within the field of humanitarianism

Our Humanitarian and Conflict Response Institute (HCRI) brings together the disciplines of medicine and the humanities to achieve the above three aims, facilitating improvements in crisis response on a global scale; while providing a much-needed centre of excellence for all concerned with emergencies and conflicts.

Led by the former President of Médecins Sans Frontières, Dr Rony Brauman, we aim to combine the research and teaching of academics working across a broad range of disciplines to offer an exceptionally diverse learning environment.

Our masters and doctoral programmes uniquely focus on responses to crises originating from both conflict zones and natural disasters. Bringing together the study of medicine and humanities provides a holistic approach, which mirrors the reality of aid operations and informs the reflexive processes of both analytical and applied disciplines.

Find out more...

www.hcri.ac.uk
www.manchester.ac.uk/history
 For MAs:
MASALC@manchester.ac.uk
 +44 (0)161 306 1259

For PhDs:
PhDSALC@manchester.ac.uk
 +44 (0)161 275 3559

Research programmes

Humanitarianism and Conflict
 Response PhD

FT PT

Taught courses

Humanitarianism and Conflict
 Response MA

FT PT

International Disaster
 Management MA

FT PT

Peacebuilding MA

FT PT

Online Global Health
 PgCert/PgDip/MA

DL

Continuing Professional
 Development courses
 (accredited and/or certificated)

INTERNATIONAL DEVELOPMENT (IDPM)

- UK's largest Development Studies department
- Top-rated for "research power" in the 2008 RAE
- Overseas fieldwork included in most programmes
- Leading to careers in the public, private and NGO sectors and academia/ research

RAE 4*20% 3*45% 2*35% 1*0%

The Institute for Development Policy and Management (IDPM) at Manchester is one of the world's leading centres for training and research on international development issues.

Our objective is to promote social and economic development and to reduce poverty, particularly within lower-income countries and for disadvantaged groups, by enhancing the capabilities of individuals and organisations through education, research and policy analysis.

Our teaching and research are of the highest quality; in the most recent Research Assessment Exercise (2008), 65% of our research activity was judged to be "world leading" or "internationally excellent". Our graduates are employed by the world's major development agencies and universities, and many taught postgraduates proceed to PhD programmes.

Within a friendly and supportive atmosphere, we offer the services of a wide range of people specialising in development theory, the practical problems of policy formulation,

planning and management, and the context of international development – all backed up by specialist library and computing facilities and more than 50 years of institutional experience. We have a large and diverse postgraduate population and an alumni network that stretches around the world.

IDPM is home to the Effective States and Inclusive Development Research Centre (www.effective-states.com) and the Chronic Poverty Research Centre (www.chronicpoverty.com), funded by DfID. We are also substantially involved in the work of the world-leading Brooks World Poverty Institute, chaired by Nobel Laureate Professor Joseph Stiglitz (www.manchester.ac.uk/bwpi).

Find out more...

www.manchester.ac.uk/idpm
sed.admissions@manchester.ac.uk
 +44 (0)161 275 0969

Research programmes

Development Policy and
 Management MPhil/PhD

FT PT

Taught courses

Competition, Regulation and
 Development MA

FT PT

Development Economics and
 Policy MSc

FT PT

Development Finance MSc

FT PT

Development Studies MA

FT PT

Development Studies (Research
 Training) MA

FT PT

Global Urban Development and
 Planning MSc

FT PT

Globalisation and Development
MSc

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) by Distance
Learning MSc

DL

ICTs for Development MSc

FT PT

Industry, Trade and
Development MSc

FT PT

International Development:
Development Management MA

FT PT

International Development:
Economics and Management of
Rural Development MSc

FT PT

International Development:
Environment and Development
MA

FT PT

International Development:
Politics and Governance MA

FT PT

International Development:
Poverty, Conflict and
Reconstruction MA

FT PT

International Development:
Public Policy and Management
MA

FT PT

International Development:
Social Policy and Social
Development MA

FT PT

Management and
Implementation of
Development Projects MSc

FT PT

Management and Information
Systems: Change and
Development MSc

FT PT

Management and Information
Systems: Change and
Development MSc by Distance
Learning

DL

Organisational Change and
Development MSc

FT PT

Poverty and Development MSc

FT PT

*See also Geography p71,
Humanitarianism and Conflict
Response p72, Manchester
Business School p81, Planning p98.*



No other institution could provide me with such an excellent environment and support network to carry out my PhD research... Besides being surrounded by world-class researchers on world poverty, I am happy to be a part of SED's vivid PhD community. ”

Philipp Horn
PhD Development Policy
and Management

LATIN AMERICAN AND CARIBBEAN CULTURAL STUDIES

- Top-rated for research
- One of Europe's largest teams of Latin-Americanists and Caribbeanists
- Excellent breadth and depth of expertise

RAE 4*30% 3*45% 2*20% 1*5%

Our large team of Latin-Americanists and Caribbeanists come from a wide array of disciplines and departments: cultural studies, social anthropology, literature and linguistics, history and art history, geography, drama and screen studies, political sciences, development studies, economics, and business. We co-ordinate research projects across disciplinary, institutional and national boundaries, providing a fuller understanding of the Latin American and Caribbean regions and of the broader relations between north and south in the context of contemporary cultural, political and economic globalisation.

The Centre for Latin American and Caribbean Studies is our focal point for the diverse and geographically dispersed research activities associated with Latin America and the Caribbean across the University. Academics in Social Anthropology and Latin American Studies codirect the Centre. Staff associated with us also teach an MA course in Latin American and Caribbean Studies and supervise PhD students in this field, who are attracted by our interdisciplinary approach.

The most recent RAE rating for Iberian and Latin American

Languages placed us at the top of the national league tables, with 75% of our research activity rated “world-leading” or “internationally excellent”.

Excellent facilities include a Centre for Graduate Studies, which provides space specifically for postgraduate students, and the comprehensive holdings of The University of Manchester Library.

Find out more...

www.manchester.ac.uk/llc/research/staff/splas
www.manchester.ac.uk/llc/clacs
 For MAs:
 MASALC@manchester.ac.uk
 +44 (0)161 306 1259

For PhDs:
 PhDSALC@manchester.ac.uk
 +44 (0)161 275 3559

Research programmes

Latin American Cultural Studies
 MPhil/PhD

FT PT

Taught courses

Latin American and Caribbean
 Studies MA

FT PT

See also European Languages and Cultures p69.

LAW

- Highly prestigious law school
- Cutting-edge, interdisciplinary research centres
- One of the best law libraries in the country

RAE 4*10% 3*40% 2*40% 1*10%

Incorporating Specialist Research Centres:

- Centre of Criminology and Criminal Justice
- Institute for Law, Economy and Global Governance
- Centre for Social Ethics and Policy
- Regulation, Security and Justice Research Centre
- Institute for Science Ethics and Innovation (directed by Professor John Harris and chaired by Nobel Laureate Sir John Sulston)
- Sustainability, Policy and Regulation Research Centre

We have one of the oldest and most prestigious law schools in the country, with a major international reputation. Since our inception, we have been at the forefront of legal and public policy formation and development, and many of our graduates and staff have played central roles in public life.

Our School of Law is a research-led teaching centre, which includes not only lawyers, but also criminologists and ethicists. We have considerable strengths in common and public law, jurisprudence, international law, EU law, commercial law, intellectual property, corporate governance, medical law, bioethics, criminal law, criminal justice and criminology, law and economics, law and development, and regulation.

Significant interdisciplinary strengths are enhanced by: the

Centre for Social Ethics and Policy, which conducts cutting edge medical ethical research; the Centre of Criminology and Criminal Justice; and the Institute for Science, Ethics and Innovation.

You have access to one of the best law libraries in the country, a wide variety of web-based resources and our School's active seminar programmes. All research students receive formal training in research methods and research skills.

Find out more...

www.manchester.ac.uk/law

Research programmes

research-law@manchester.ac.uk
 +44 (0)161 306 1279

Taught courses

pg-law@manchester.ac.uk
 +44 (0)161 306 1270

Centre for Social Ethics and Policy

rebecca.bennett@manchester.ac.uk

Research programmes

Bioethics and Medical
 Jurisprudence PhD

FT PT

Law MPhil/PhD

FT PT

Taught courses

LLM

FT

LLM streams available:

- General
- Corporate Governance
- Intellectual Property
- International Business and Commercial Law
- International Financial Law
- International Trade Transactions
- Law and Development
- Public International and European Law

Health Care Ethics PgCert
FT PT DL

Health Care Ethics and Law
LLM
FT PT DL

Health Care Ethics and Law
MA/PgDip
FT PT DL

Health Care Ethics and Law
MSc (Intercalated)
FT

Health Care Law PgCert
FT PT DL

Intellectual Property Law PgDip
(validated route)
FT

Law and Development MA
FT PT

See also *Criminology and Criminal Justice* p58.

LIFE SCIENCES

- One of the top three UK universities for life sciences research
- Over £170 million spent on buildings and facilities
- 150+ active research labs

Biological Sciences (2008)

RAE 4*25% 3*40% 2*30% 1*5%

Pre-Clinical and Human Biological Sciences

RAE 4*20% 3*45% 2*35% 1*0%

One of Europe's largest and most successful research and teaching organisations of its kind, our Faculty of Life Sciences proudly fosters 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.

Postgraduate opportunities span all fields of life sciences, from the molecule to the cell, to the whole organism and environments.

Facilities

We have invested more than £170 million in purpose-built buildings and facilities over the last decade. These include the £61 million Michael Smith Building, the £38 million Manchester Interdisciplinary Biocentre, the £32 million Core Technology Facility, and the £39 million AV Hill Building that houses a world-class neuroscience research facility.

Our Faculty research is facilitated by superb core facilities, all staffed by experimental officers and technical staff who are able to provide expert advice, guidance and experimental assistance. These

facilities include: Bioimaging, Bioinformatics, Biomolecular Analysis, DNA Sequencing, Electron Microscopy, Fast Reaction Facility, Fermentation, Flow Cytometry, Fly Facility, Genomic Technologies, Histology, Macromolecular X-ray Crystallography, NMR, Protein Expression, Transgenics.

We are also home to a number of internationally renowned research centres and institutes. Receiving significant long-term funding, these centres of excellence form a focus for intra- and inter-university collaborative research. See p78 for a list.

Courses and programmes

We offer PhD projects from a range of exciting and challenging research themes that reflect the research undertaken in our Faculty. Three to four-year PhD programmes are tailored to suit students with different levels of research experience, and you will be carefully matched with a supervisor of your choice. We also offer MPhil programmes across the whole research disciplines within the Faculty. We have a number of Research Council, charity and industry-funded studentships available each year for the most outstanding applicants. Plus, some of our funded PhD programmes offer the opportunity for three-month external placements outside of the lab, giving you valuable insight and experience into careers available after your PhD.

We offer MRes and specialist MSc courses in key areas designed to prepare you for further PhD study, or for a career in industry. Several of our courses offer the opportunity to undertake projects with our partners in industry, allowing you to gain commercial insight and enhance your employability.

MANCHESTER MADE ME...

AN INDEPENDENT LEADER

Rebecca first came to Manchester as a lecturer, excited to be able to combine high quality cognitive neuroscience with good access to clinical populations for research. Today she teaches on MSc courses in Cognitive Brain Imaging and Psychiatry. Her favourite achievement is watching her postgraduate students take their first steps toward their own research careers. She is very proud when one of her students has their first papers accepted.

"Postgraduate study is a great time to explore your subject widely and to take advantage of opportunities to broaden your horizons. Get yourself onto distribution lists for research institutes and seminar series; go to workshops and seminars and really interact with people there. Never be afraid to ask questions, or to challenge assumptions. Students are sometimes overawed by senior academics – don't be. Ask questions and expect to be taken seriously; as a postgraduate student, you have earned the right to be a respected part of the academic community."

Rebecca Elliott
Cognitive Neuroscience Reader
School of Medicine

Manchester is really where I have grown up as a researcher and developed the independence to lead research projects. Recently, I have become more involved in public engagement activities, as I am passionate about communicating science as widely as possible. Students carrying out their research projects with me have the chance to get involved with ongoing studies and experience my research first-hand. Even students who are with us for short placements are important members of the team, encouraged to participate in our research group meetings and seminars.

Progression throughout your studies is supported by our innovative online System, eProg, which clearly sets out milestones and achievements. Combining progression monitoring with a log of training activities ensures that you are empowered with the tools and skills to successfully complete your research.

Career opportunities

Whatever your degree type or subject area, our graduate training programme provides you with a variety of research and transferable skills that will benefit all of the diverse career paths that life sciences graduates embark on.

Many students go on to have successful academic research careers, while others go into industrial research positions within pharmaceutical and biotechnology companies. Some embark on media and communications careers, teaching, academic administration, or careers within the public and environmental sector.

Find out more...

www.manchester.ac.uk/lifesciences

Research programmes

Faculty of Life Sciences
Postgraduate Research Office
pgresearch.lifesciences@manchester.ac.uk
+44 (0)161 275 5608

Taught courses

Faculty of Life Sciences Recruitment and Admissions Office
pgtaught.lifesciences@manchester.ac.uk
+44 (0)161 275 5032

Research programmes

Adaptive Organismal Biology
PhD/MPhil

FT PT

Animal Biology PhD/MPhil

FT PT

Biochemistry PhD/MPhil

FT PT

Bioinformatics PhD/MPhil

FT PT

Biomolecular Science PhD/MPhil

FT PT

Biotechnology PhD/MPhil

FT

Biotechnology and Enterprise
PhD

FT PT

Cell Biology PhD/MPhil

FT PT

Cell Matrix Research PhD/MPhil

FT PT

Channels and Transporters
PhD/MPhil

FT PT

Developmental Biology
PhD/MPhil

FT PT

Egyptology PhD/MPhil

FT PT

Environmental Biology
PhD/MPhil

FT PT

Evolutionary Biology PhD/MPhil

FT PT

Gene Expression PhD/MPhil

FT PT

Genetics PhD/MPhil

FT PT

History of Science, Technology
and Medicine PhD/MPhil

FT PT

Immunology PhD/MPhil

FT PT

Integrative Neurobiology and
Behaviour PhD/MPhil

FT PT

Membrane Trafficking
PhD/MPhil

FT PT

Microbiology PhD/MPhil

FT PT

Molecular and Cellular
Neuroscience PhD/MPhil

FT PT

Molecular Biology PhD/MPhil

FT PT

Molecular Cancer Studies
PhD/MPhil

FT PT

Neuroscience PhD/MPhil

FT PT

Ophthalmology PhD/MPhil

FT PT

Optometry PhD/MPhil

FT PT

Organelle Function PhD/MPhil

FT PT

Pharmacology PhD/MPhil

FT PT

Physiology PhD/MPhil

FT PT

Plant Sciences PhD/MPhil

FT PT

Science Ethics PhD/MPhil

FT PT

Stem Cell Research PhD/MPhil

FT PT

Structural Biology PhD/MPhil

FT PT

Systems Neuroscience
PhD/MPhil

FT PT

Toxicology PhD/MPhil

FT PT

After completing an MSc in Biochemistry and Bioinformatics, Rodrigo decided he wanted to do something more applied. He researched the field of biotechnology and came across Alan Dickson's work, which used techniques he was familiar with in a more productive manner. Rodrigo's funding required that he studied at one of the world's top 100 universities, so he chose The University of Manchester.

"Biotechnology itself offers a wide range of options: for example, work with stem cells, biopharmaceutical companies, or development of bio-fuels. All of them sound exciting and challenging to me. And, with the skills that I am developing through this PhD, I am sure I will find the right option for me. Outside my research, I really like the public engagement activities that the Faculty holds. They're a great opportunity to share the research done in our Faculty with a broader audience from different backgrounds."

I'd never been abroad before I decided to pursue a PhD in the UK. Now I feel really comfortable living in Manchester. I am proud of being a Manchester postgraduate, as I'm part of a multicultural and friendly learning environment. This environment, along with the facilities of the Faculty of Life Sciences, allows me to do high quality research. I have participated in career workshops that assisted me in discovering new career choices, besides the more obvious options for a PhD student in life sciences. I can see my future from a different perspective.

MANCHESTER MADE ME... INDEPENDENT, ORGANISED AND SELF-CONFIDENT

Rodrigo Maldonado
26, Chile
PhD Biotechnology

Taught courses

Applications in Environmental
Science MSc

FT

Biochemistry MSc/PgDip

FT

Bioinformatics and Systems
Biology MSc/PgDip

FT

Biological Sciences MRes
(including Integrative
Mammalian Biology)

FT

Biomedical and Forensic Studies
in Egyptology MSc/PgDip

FT PT

Biotechnology and Enterprise
MSc/PgDip

FT

Cancer Research and Molecular
Biomedicine MSc/PgDip

FT

Cell Biology MSc/PgDip

FT

Developmental Biology
MSc/PgDip

FT

History of Science, Technology
and Medicine MSc/PgDip
(including Science
Communication)

FT PT

Immunology and
Immunogenetics MSc/PgDip

FT PT DL

Molecular Parasitology and
Vector Biology MSc/PgDip

FT PT

Neuroscience MSc/PgDip

FT

Plant Sciences MSc/PgDip

FT

LINGUISTICS AND ENGLISH LANGUAGE

- Distinguished for theoretical and empirical breadth
- Wide range of languages and varieties of English
- Research with relevance to local communities
- Site for many international rotating conferences and the annual Manchester Phonology Meeting

English Language and Literature

RAE 4*30% 3*45% 2*25% 1*0%

Linguistics

RAE 4*10% 3*45% 2*35% 1*10%

We boast a leading international role in several fields within the discipline of Linguistics and English Language, including the linguistics of English and the study of endangered languages. The most recent RAE (2008) judged more than half of our Linguistics and English Language work to be in the top two research categories of “world-leading” and “internationally excellent”.

We are committed to extending and deepening the understanding of natural language by fostering an environment that is favourable to empirical research on all aspects of linguistic theory. Because we believe it is important to work from a solid empirical base, we particularly encourage fieldwork on living languages and careful study of historical and modern corpora by both staff and students.

We also believe that it is important to study language in its social and cultural context and several of our staff are engaged in research on



The Faculty of Life Sciences provides students with numerous excellent opportunities to become well-rounded early career researchers. The Faculty brings in world-famous scientists for their seminar series; has developed several international field courses in biodiversity and conservation; provides their students with state-of-the-art lab facilities, and provides PhD students with the option of developing their teaching skills.



Nathan Truelove
PhD Environmental Biology

variation and its social conditions such as class, gender, age. The diverse local communities in Manchester provide an ideal site for carrying out research on such variation as well as multilingualism.

At the same time, all our staff are committed to an understanding of the nature of human language based on serious theoretical reflection. We believe that a thriving discipline will offer a range of theoretical perspectives. Current staff regularly teach and conduct research in phonetics, phonology (especially optimality theory), morphology, syntax (lexical-functional grammar, role and reference grammar, minimalism and construction grammar), semantics, pragmatics, historical linguistics (especially English, Romance and Germanic), language contact, typology, language documentation, sociolinguistics, and corpus linguistics. Members of our discipline have published significant studies in each of these areas.

Among our excellent resources is a phonetics laboratory, with facilities for signal analysis, speech synthesis, laryngography and electropalatography, and a lab with facilities for production, comprehension and artificial language learning studies. We also possess a large and diverse collection of linguistic corpora and tools for computational linguistic analysis.

Find out more...

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

For MAS:

MASALC@manchester.ac.uk
+44 (0)161 306 1259

For PhDs:

PhDSALC@manchester.ac.uk
+44 (0)161 275 3559

Research programmes

English Language PhD

FT PT

Linguistics PhD/MPhil

FT PT

Taught courses

Applied Linguistics MA

FT PT

Applied Linguistics PgDip

FT

English Language MA

FT PT

Languages and Linguistics MA

FT PT

Languages and Linguistics PgDip

FT

Linguistics MA

FT PT

Linguistics PgDip

FT

Linguistics and English

Language Integrated MA/PhD

FT

MANCHESTER BUSINESS SCHOOL (MBS)

- UK's leading centre for business research (RAE 2008)
- The UK's first business school (established 1965)
- Doctoral programme ranked first in the world by Financial Times (FT) 2012
- One of a select group of triple-accredited business schools (AACSB International, AMBA – Association of MBAs, and EQUIS)

RAE 4*25% 3*40% 2*30% 1*5%

Both students and business come to us when they need to develop cutting-edge business expertise. As one of the top five business schools in the UK (FT 2012), with a world-class reputation for outstanding teaching and research, we are ideally placed to work with them.

The Financial Times rated our doctoral programme first in the world in 2008, 2009, 2011 and 2012. The most recent RAE positioned us as the UK's leading centre for business research, while our teaching is rated "excellent" by the Quality Assurance Agency and the UK government funding body (HEFCE).

Our masters courses provide you with the skills to think with originality, give you the chance to mix with students from over 60 nations, and help you shape your career in the direction of your choice.

Manchester's full-time MBA programme – ranked 31st in the world by the FT – offers experienced business professionals the chance to work on a variety of live consultancy

projects and undertake an internship, while our links with over 30 international institutions give our students on the MBA and two MSc courses the opportunity to spend a semester abroad.

We adopt an international perspective across all our programmes, so you will learn to work with different cultures: a critical skill in the contemporary international business environment. Our part-time Global MBA programme, designed for executives who do not want to put their career on hold, is delivered across our six centres in Dubai, Singapore, Hong Kong, Shanghai, USA and Brazil.

Some of our masters courses are accredited by professional bodies, such as the Chartered Institute of Personnel and Development (our two MSc Human Resource Management and Industrial Relations courses), and the British Psychological Society (MSc Organisational Psychology). The Chartered Financial Analyst Institute has awarded partnership status to MSc Accounting and Finance and MSc Finance.

Our doctoral programme is the largest business and management programme of its kind in a UK business school, recognised by the award of prestigious UK Research Council scholarships. The School plays a full part in the Economic and Social Research Council North West Doctoral Training Centre, providing cross-institutional training and supervision for doctoral students with the Universities of Lancaster and Liverpool.

In our research-led school, academics regularly publish in top international journals. Our Accounting and Finance Group was the first of its kind in Europe to be recognised by the EU as a (Marie Curie) Registered Early Training Doctoral Research Site.

Our academics regularly contribute to the international media, including the BBC, Financial Times, The Wall Street Journal, The Economist and Sky News. It's not just our academics that make the news: MSc Organisational Psychology graduate Ashley Thomas was recently profiled in The Guardian talking about how his time at MBS helped his career.

MBS is well connected and we frequently welcome business leaders to our School; recently, Manchester United's David Gill RBS's Stephen Hester, Co-Founder and Chief Executive Tim Steiner from Ocado, and former Asda boss Allan Leighton, have shared their experiences with students and staff.

Generous funding from Eddie Davies OBE, owner of Bolton Wanderers FC, continues to support innovation. Our Manchester Enterprise Centre offers enterprise units and degree programmes in addition to extracurricular activities for students, researchers and post-doctorates from across the University. The Centre also runs an annual Venture Further business enterprise competition, helping budding entrepreneurs set up their own businesses.

Find out more...
go.mbs.ac.uk/UOM-programmes

Doctoral research programmes
pgresearch@mbs.ac.uk
 +44 (0) 161 275 6313 / 0784

Masters courses
pg@mbs.ac.uk
 +44 (0)161 306 1339

Full-time MBA programme
mba@mbs.ac.uk
 +44 (0)161 275 6414

Part-time MBA programmes
global@mbs.ac.uk
 +44 (0)161 275 7212

Enterprise courses
enterprise@mbs.ac.uk
 +44 (0)161 306 8487

Doctoral research programmes

Doctor of Business Administration DBA
FT PT

Doctor of Enterprise EntD
FT PT

Doctor of Philosophy PhD
FT PT

Master of Enterprise MEnt
FT PT

Master of Philosophy MPhil
FT PT

Master of Research MRes
FT PT

Taught courses

Accounting and Finance MSc
FT

Analytics: Operational Research and Risk Analysis MSc
FT

Business Administration Full-time MBA
FT

Chinese Business and Management MSc
FT

Corporate Communications and Reputation Management MSc
FT

Finance MSc
FT

Finance and Business Economics MSc
FT

Global Business Analysis MBus
FT

Healthcare Management MSc
FT PT

Human Resource Management and Industrial Relations MSc
FT

Human Resource Management and Comparative Industrial Relations (International) MSc
FT

Matt Sandrini, 24
Milan, Italy
MSc Innovation Management and
Entrepreneurship

Matt realised during his undergraduate degree that he wanted to improve his business expertise through studying for a masters degree in the UK. He loves Manchester because it is a vibrant city with much to offer, while still being easy to get to know. His favourite spot in the city is St Ann's Square, a charming place in the city centre that always makes him feel relaxed.

"The University of Manchester and Manchester Business School really stood out, with its rare combination of an excellent reputation, interesting degree and stimulating location. The opportunity to combine theory with practical experience has exceeded my expectations and has been very successful on my CV. My degree has involved a great variety of activities, and my personal tutor has supported me from the start. Group work activities have been the most challenging, but they have helped me to become a better team player. I feel very proud to be a Manchester postgraduate."

“

My time studying at Manchester has helped me to identify the sector in which I would like to work, as well as making me determined to follow my dream of having my own business one day. I am already working on this. I have used the Careers Service a few times, and I consider it a valuable support. I am sure that in my future I will be able to count on the support of the University and the people I have met during my studies.

”

**MANCHESTER
MADE ME...
DEFINE AND GET CLOSER
TO MY GOALS**



Information Systems: Business
Information Technology MSc

Information Systems: e-Business
Technology MSc

Information Systems:
Organisations and
Management MSc

FT

Innovation Management and
Entrepreneurship MSc

FT PT

International Business and
Management MSc

FT

Management MSc

FT

Managerial Psychology MSc

FT PT

Marketing MSc / Marketing
(Specialism) MSc

FT

Operations, Project and Supply
Chain Management MSc

FT

Organisational Psychology MSc

FT PT

Quantitative Finance: Financial
Engineering MSc

Quantitative Finance: Risk
Management MSc

FT

The Manchester Global MBA
(accelerated)

PT

The Manchester Global MBA

PT

The Manchester Global MBA
(finance pathway)

PT

The Manchester Global MBA
(engineering pathway)

PT

The Manchester Global MBA
(project management pathway)

PT

See also *Economics* p63,
International Development (IDPM)
p73, *Politics* p100.

MATERIALS

- Exceptional breadth of research and training
- World-class facilities
- Industrially driven degree programmes
- Excellent career prospects

RAE 4*20% 3*60% 2*15% 1*5%

Materials are at the heart of the modern world, and we are at the forefront of developing the science behind them. At our School, we encompass a unique and exceptional breadth of research and training in materials engineering, science and technology – biomaterials, ceramics, nanostructured materials, polymers, technical textiles, ceramics and glasses, corrosion and protection, metallic materials and composites – and in cutting-edge textile design, fashion, retailing and management.

These activities are built on our global reputation for excellence and award-winning research. We are supported by leading research councils and organisations worldwide, many of which have funded specialist research centres (the Materials Performance Centre and the Northwest Composites Centre); an EPSRC Programme Grant, LATEST 2 (Light Alloys Towards Environmentally Sustainable Transport Second Generation); and our Centre for Doctoral Training in Advanced Metallic Systems.

Industry drives the development of our programmes, ensuring a sought-after qualification with transferable skills to prepare you for your chosen career. Our alumni enjoy challenging careers in industry and academia, and we invite many to work alongside us in



Manchester Business School is known for the top quality of education it imparts; however, [it] offers more than academia and access to professional opportunities... A global peer group at MBS is reflective of the future workforce and this opportunity taught me how to interact with other cultures, exchange ideas with a wide group of people coming from a varied group of industries, and build a truly 'worldwide' network. ”

Shilpi Bhatia
MSc Finance

our strategic development, ensuring that we retain our international standing as a centre of excellence and innovation in the materials sector.

At an exciting time in the materials world, with our graduates in high demand and an unrivalled range of postgraduate programmes, the opportunities for you are endless.

Find out more...

www.manchester.ac.uk/materials
pg-materials@manchester.ac.uk
+44 (0)161 306 5777

Research programmes

Advanced Aerospace Materials
Engineering MSc by Research
FT PT

Biomedical Materials
PhD/MPhil/MSc by Research
FT PT

Ceramics and Glasses
PhD/MPhil/MSc by Research
FT PT

Composite Materials
PhD/MPhil/MSc by Research
FT PT

Corrosion and Protection
PhD/MPhil/MSc by Research
FT PT

Materials EngD/EntD
FT

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

Metallic Materials
PhD/MPhil/MSc by Research
FT PT

Nanostructured Materials
PhD/MPhil/MSc by Research
FT PT

Paper Science PhD/MPhil/MSc
by Research
FT PT

Polymer Science and Engineering
PhD/MPhil/MSc by Research
FT PT

Technical Textiles MSc by
Research
FT PT

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

Textile Science and Technology
PhD/MPhil/MSc by Research
FT PT

Textiles and Fashion MEnt
FT

Taught courses

Advanced Composites MSc
FT PT

Advanced Engineering
Materials MSc/PgDip/PgCert
FT PT

Biomaterials MSc
FT

Corrosion Control Engineering
MSc/PgDip/PgCert
FT PT DL

International Fashion Retailing
MSc
FT

International Fashion Retailing
(Business Process Improvement)
MSc
FT

International Fashion Retailing
(Multichannel Marketing) MSc
FT

Materials and Surface Design
MRes
FT PT

Polymer Materials Science and
Engineering MSc/PgDip/PgCert*
FT PT

Textile Technology
MSc/PgDip/PgCert
FT PT

Textile Technology (Digital Print
Technology) MSc
FT PT

Textile Technology (Technical
Textiles)

MSc FT PT

**Offered jointly with our
School of Chemistry*

*See also Advanced Metallic
Systems p48, Engineering for
Manufacture p68, Nanoscience
p92, Nuclear Engineering p93,
Nuclear Fission p94.*

MATHEMATICS

- Sixth in the country for “research power”
- New, purpose-built mathematics building
- Comprehensive coverage of subject

Applied Mathematics

RAE 4*25% 3*35% 2*40% 1*0%

Pure Mathematics

RAE 4*20% 3*40% 2*35% 1*5%

Statistics and Operational Research

RAE 4*20% 3*35% 2*30% 1*15%

Our School of Mathematics is a major international research centre that covers the entire breadth of the subject, including pure and applied mathematics, probability and statistics. We have a long and distinguished history in both teaching and research, and our graduates are influential in many spheres of activity worldwide. We are proud of our lively and diverse postgraduate research community and aim to attract the very best mathematicians to Manchester from all over the world.

We ranked sixth highest in the country in the most recent Research Assessment Exercise, based on the “research power” ratings of our three disciplines: Pure Mathematics, Applied Mathematics, and Statistics and Operational Research (see RAE above).

Our staff receive many accolades: we currently have two Fellows of the Royal Society, one Fellow of the British Academy and one Member of the Russian Academy of Sciences on our academic staff. Many celebrated mathematicians, including Osborne Reynolds, James Lighthill, Louis Mordell, Alan

Turing, Kurt Mahler and Paul Erdős, have worked here.

Through the Manchester Institute for Mathematical Sciences, we host an extensive programme of research seminars from a wide range of speakers, providing ample opportunity for furthering knowledge and discussing current research from all areas of mathematics.

Our School disburses more than £1 million per annum towards the funding of postgraduate students, including over £500,000 of EPSRC funding, and substantial funding from other institutions, including the European Commission.

Mathematics is located in a new, purpose-built and centrally located building: an excellent environment for world-class research and teaching.

Find out more...

www.manchester.ac.uk/math
www.manchester.ac.uk/math/postgraduate/pgadmission
pg-maths@manchester.ac.uk
 +44 (0)161 275 5802
 +44 (0)161 275 0176

Research programmes

Actuarial Science PhD

FT PT

Applied Mathematics PhD

FT PT

Numerical Analysis PhD

FT PT

Financial Mathematics PhD

FT PT

Mathematical Logic PhD

FT PT

Mathematics EngD*

FT

Mathematics MEnt

FT PT

Probability PhD

FT PT

Pure Mathematics PhD

FT PT

Statistics PhD

FT PT

Taught courses

Actuarial Science MSc

FT PT

Applied Mathematics MSc

FT PT

Applied Mathematics with Industrial Modelling MSc

FT PT

Applied Mathematics with Numerical Analysis MSc

FT PT

Mathematical Finance MSc*

FT

Pure Mathematics and Mathematical Logic MSc

FT PT

Statistics MSc

FT PT

Statistics MSc (Biostatistics)**

FT PT

Statistics MSc (Financial Statistics)

FT PT

* Offered jointly with Manchester Business School

** Offered jointly with the School of Community Based Medicine

MECHANICAL ENGINEERING

- Highly rated for research
- World class facilities
- Alumni in top jobs in industry and research

RAE 4*20% 3*50% 2*30% 1*0%

Manchester offered the first engineering degree of its kind, and we can lay claim to some of the most significant discoveries in the field. Perhaps the most famous is the Reynolds Number, named after the father of fluid mechanics and Manchester's first Professor of Engineering, Osborne Reynolds.

Today, our School of Mechanical, Aerospace and Civil Engineering is one of Europe's leading schools of engineering. Our diverse and truly international community creates a stimulating and challenging learning environment that produces world-class professionals and achieves outstanding standards in research. We rank third in the UK for "research power" and our combined record of excellence is among the strongest in the country.

Our taught courses are designed to support both research activities and industrial needs that reflect the unique strengths of the academic interest groups within our School. Topics you could specialise in include: the fundamentals and management of manufacturing processes and systems; management and maintenance engineering; engineering analysis combined with creative design synthesis; the analysis of heat and fluid flow systems using analytical and state-of-the-art computational and experimental methods; and the manufacture of pharmaceutical products.

Dedicated research groups in our School include: Aerospace; Energy, Environment and Climate Change; Management and Manufacture; Nuclear; and Structures, Dynamics and Extreme Loading.

On top of this, we have expert groups focusing on research activity in the following areas: Advanced Flow Diagnostics and Instrumentation; Bioengineering; Built Environment; Coastal Processes; Computational Fluid Dynamics; Construction Science; Dynamics and Aeroelasticity; Energy and Multiphysics; Experimental Aerodynamics; Geo-Engineering; Impact and Explosion; Management of Projects; Marine Energy; Nuclear Graphite; Reliability, Availability, Maintenance and Safety; Smoothed Particle Hydrodynamics; Structures and Fire; and Turbulence Mechanics.

Find out more...

www.manchester.ac.uk/mace
pg-mace@manchester.ac.uk
 +44 (0)161 306 9219

Research programmes

Advanced Manufacturing Technology MEnt

FT

Mechanical, Aerospace and Civil Engineering EngD

FT

Mechanical Engineering PhD/MPhil

FT PT

Mechanical Engineering MSc by Research

FT

Mechanical Engineering Design MEnt

FT

Taught courses

Advanced Manufacturing Technology and System Management MSc

FT

Maintenance Engineering and Asset Management MSc/PgDip/PgCert

FT PT DL

Mechanical Engineering Design MSc

FT

Pharmaceutical Engineering Manufacture

DL

Thermal Power and Fluid Engineering MSc

FT

See also Nuclear Engineering p93.

MEDICINE

- One of the most established and successful schools for medical research and clinical training
- Diverse range of programmes to suit the needs of scientists, clinicians and health professionals
- Focus on improving clinical services and patient care
- Outstanding links with NHS trusts reflected in a recent £12.5m investment for clinical research in Manchester

Biomedical postgraduate training within our University is undergoing a transformation following the creation of our six new Institutes in August 2012:

- Brain, Behaviour and Mental Health
- Cancer
- Cardiovascular Sciences
- Human Development
- Inflammation and Repair
- Population Health

In partnership with the Manchester Academic Health Science Centre (MAHSC), these new institutes reflect our priorities for 'bench to bedside' research and training into 2013 and beyond.

Our postgraduate taught programmes provide cutting-edge professional training to aid career development. Certificate/Diploma options exist to allow health professionals to gain intensive grounding in subjects as varied as forensic mental health and occupational hygiene. Our suite of masters courses include areas such as clinical biochemistry, psychiatry

and medical microbiology. Our Master of Research (MRes) programmes are designed to give you a real taste of research and what is required of a professional researcher. We offer the MRes in subjects such as tissue engineering, maternal health and genetic medicine.

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 our research students to have authorship on eminent publications, present at conferences and actively engage with the wider research community in order to improve skills development and career prospects.

Research postgraduates also benefit from our Times Higher award-winning Careers Service, graduate training and skills development support. We act as the North West hub for 'Vitae', providing an outstanding network of early-career researchers with which to share advice and good practice.

Find out more...

www.manchester.ac.uk/mace
pg-mace@manchester.ac.uk
 +44 (0)161 306 9219

Research programmes

(in key subject areas listed below)

Medicine MPhil/PhD

FT PT

MD

FT PT

ChM

FT PT

Brain, Behaviour and Mental Health

Cancer Sciences

Cardiovascular Sciences

Human Development

Inflammation and Repair

Population Health

Imaging, Genomics and Proteomics

Musculoskeletal

Respiratory and Allergy

For more information on research training opportunities, see our website. Research study applicants should select PhD/MD/MPhil Medicine initially and provide detail on your proposed study area, or academic supervisor.

Taught courses

Applied Mental Health
 MSc/PgDip/PgCert

PT

Cardiovascular Health and Disease MRes

FT

Clinical Biochemistry MSc

FT PT

Clinical Rheumatology MSc
PT

Forensic Mental Health
 MSc/PgDip

PT 3 Years

Genetic Counselling MSc

FT 2 Years

Genetic Medicine MRes
FT

*See also Humanitarianism and Conflict Response p72,
 Nanoscience p92.*

Health Care Ethics and Law
MA/PgDip*

FT PT

Investigative Ophthalmology
and Vision Science MSc

FT PT

Maternal and Fetal Health MRes
FT

Medical Education
MSc/PgDip/PgCert

PT

Medical Imaging MSc

FT PT

Medical Microbiology MSc

FT PT

Medical Sciences MRes

FT

Medical Virology MSc

FT

Occupational Hygiene
MSc/PgDip/PgCert

DL

Occupational Medicine
MSc/Advanced PgDip/PgCert

DL

Oncology MRes/PgDip

FT

Primary Care MRes

DL

Psychiatry (Blended Learning)
MSc/PgDip

PT

Public Health
MRes/MPH/PgDip/PgCert

DL

Tissue Engineering for
Regenerative Medicine MRes

FT

Translational Medicine
MRes/PgCert

- Interdisciplinary Molecular
Medicine pathway
- Pharmaceutical Cancer pathway

PT FT

**Run jointly with our School of
Law*

MENTAL/ PUBLIC HEALTH

- Specialist postgraduate training in areas as diverse as forensic mental health, old age psychiatry and primary care
- Manchester hosts one of the most extensive centres for psychiatric research in the UK

Manchester has strong established teaching in both mental and public health related subjects. Our training provision attracts health professionals seeking postgraduate opportunities, including online programmes that cater for those wishing to study from home while continuing to develop their careers.

Our PhD students play a key role in our research output. We encourage authorship on eminent publications, presentation at conferences and engagement with the wider community, to improve your skills development and career prospects.

Mental Health

Within our wide range of mental health related training, most postgraduate programmes are aimed at health and social work professionals already working in mental health. New programmes in forensic mental health access teaching from psychiatry, social work and nursing. We also offer you opportunities to progress onto PhD training.

Public health

We host two well-established programmes in public health and occupational medicine and hygiene. Our Master of Public Health and its sister programmes in Dentistry and Pharmacy are modular and entirely online, so ideal for students wishing to further their knowledge of public

health as well as those interested in research and academic careers. The Occupational Medicine and Hygiene programmes, situated in our Centre for Occupational and Environmental Health, are also delivered predominantly online.

Find out more...

www.manchester.ac.uk/medicine/healthsciences

www.manchester.ac.uk/medicine/mentalhealth

pg.medicine@manchester.ac.uk
+44 (0)161 275 5688

Research programmes

Medicine MPhil/PhD

FT PT

Taught courses

Advanced Practice Interventions
for Mental Health (APIMH)
PgDip/MSc

PT

- Primary Mental Health Care pathway
 - Dementia Care pathway
 - Psychosocial Interventions for Psychosis pathway
- Health and Social Care Research
PgDip Res/MRes HSC

FT PT DL

Applied Mental Health
MSc/PgDip

PT

Clinical and Health Services
Pharmacy PgDip

PT

Community Pharmacy Public
Health Services MSc/PGDip

DL

Dental Public Health
MDPH/MRes/PgDip/PgCert

PT FT DL

Forensic Mental Health
MSc/PGDip

PT 3 Years

Health and Social Care Research
PgDip Res/MRes HSC

FT PT DL

Occupational Hygiene
MSc/PgDip

DL

Occupational Medicine
MSc/Advanced PgDip

DL

Primary Care MRes

DL

Psychiatry (Blended Learning)
MSc/PgDip

PT

Public Health
MRes/MPH/PgDip/PgCert

DL

MIDDLE EASTERN STUDIES

- Integrated approach to the history and cultures of the Middle East
- All four major languages taught: Arabic, Hebrew, Persian and Turkish
- Research-led focus on modern culture and politics
- World-class teaching in national identity, gender, Arab World, Islam and Judaism
- Alumni in commercial and cultural jobs (eg journalism, tourism, teaching)

RAE 4*15% 3*45% 2*20% 1*15%

Middle Eastern Studies covers a range of interdisciplinary areas, including cultures, religions (ancient, classical and modern), modern history and literatures. Areas of particular expertise at Manchester include Islamic studies, Israeli/Jewish studies, modern Iranian history, the emergence of Middle East nationalisms and cultural and gender studies with a focus on the Arab world. A successful outcome in the most recent RAE judged 60% of our research activities to be either "world-leading" or "internationally excellent".

The editorial home of one of the field's most distinguished scholarly journals, the *Journal of Semitic Studies*, is based here. Hosting a large grant AHRC project on ancient Jewish literature, Middle Eastern Studies at Manchester also constitutes part of our University's Centre for Jewish Studies.

Our Languages and Cultures MA is a research-focused course enabling you to pursue specialist masters-level research into one or more

cultures of the Middle East, and gain training in research methods.

Academics with extensive publication experience offer small-class course units on specialist topics and dissertation supervision on a mutually agreed subject.

Excellent facilities include a Centre for Graduate Studies, which provides space specifically for postgraduate students, and the comprehensive holdings of The University of Manchester Library, one of only five UK National Research Libraries.

Find out more...

www.manchester.ac.uk/l/c/subjects/middle-eastern

For MAs:

MASALC@manchester.ac.uk
+44 (0)161 306 1259

For PhDs:

PhDSALC@manchester.ac.uk
+44 (0)161 275 3559

Research programmes

Arab World Studies PhD

FT

Middle Eastern Studies

PhD/MPhil

FT PT

Taught courses

Languages and Cultures MA
(research route)

FT PT

MUSEOLOGY

- High-quality teaching and research
- Long-established links with the museum and cultural sector
- Work experience opportunities in museums and galleries
- Alumni in senior positions in the UK and abroad

RAE 4*40% 3*40% 2*15% 1*5%

Our Centre for Museology is wholly dedicated to developing research and teaching in museum theory and practice. We work closely with the University's own museum and art gallery, and promote academic and professional collaboration with the museum profession locally, nationally and overseas.

We have been training museum professionals for over 40 years, and our Art Gallery and Museum Studies MA is one of the most popular courses of its kind in the UK. Today, our alumni work in senior positions in museums and galleries in Britain and overseas.

The Centre for Museology is now part of our Institute of Cultural Practices: a new centre for postgraduate and professional programmes that combine academic excellence with work-based training.

Find out more...

www.manchester.ac.uk/museology

For MAs:

MASALC@manchester.ac.uk
+44 (0)161 306 1259

For PhDs:

PhDSALC@manchester.ac.uk
+44 (0)161 275 3559

Research programmes

Museology PhD

FT PT

Professional Doctorate in Museum Practice

FT PT

Taught courses

Art Gallery and Museum Studies MA

FT PT

Continuing Professional Development (CPD)

PT

MUSIC

- Highly rated for research
- Extensive multimillion-pound facilities
- Close creative collaboration between staff and students
- Alumni in many branches of the music profession

RAE 4*50% 3*35% 2*10% 1*5%

Manchester is one of the best places for postgraduate study in music in the UK. We offer you a stimulating and supportive environment for research and composing, with a good range of programmes in musicology, ethnomusicology, composition and electroacoustic music composition.

Our internationally renowned musicologists, ethnomusicologists, composers and performers are also dedicated to high standards of teaching. The Government gave us the very highest rating for both the 1996 and 2001 RAE, while the 2008 RAE placed Music among the top three music departments in the country, and among the top one percent of all departments in all subjects nationwide.

Within our £6 million Martin Harris Centre, we have excellent facilities, with a wide range of instruments (including baroque strings and wind), listening equipment, computers and electronic studios. The recently refurbished Centre includes the purpose-built Cosmo Rodewald Concert Hall, while our £2.2 million studio block – the Novars Research Centre for Electroacoustic Composition, Performance and Sound Art – opened in 2007.

With three major music libraries, our total library provision is excellent by any standards, and unrivalled in the north of England. We also support our research community via the Musicology Forum and Composers' Forum, a seminar series for staff and students that discusses current projects and the state of the field.

We host more than 80 concerts and visiting guest lectures each year, including recitals by the Danel String Quartet (our quartet in residence), the BBC Philharmonic and Psappha (contemporary music ensemble in association).

All postgraduate composers receive at least one professional performance a year. The level of practical ability among our undergraduates is exceptionally high, meaning your new compositions can be performed to an unusually high standard by fellow students. MANTIS (Manchester Theatre in Sound) provides electro-acoustic composers with regular opportunities to present their work in public. The city of Manchester itself, a thriving cultural centre, also provides you with performance opportunities.

Each research postgraduate student has a main supervisor and two further supervisory panel members, while our friendly and informal atmosphere also means that you can approach any member of staff.

Find out more...

www.manchester.ac.uk/music

For MAs:

MASALC@manchester.ac.uk

+44 (0)161 306 1259

For PhDs:

PhDSALC@manchester.ac.uk

+44 (0)161 275 3559

Research programmes

Music: Composition PhD

FT PT

Music: Electroacoustic

Composition PhD

FT PT

Music: Musicology PhD

FT PT

Taught courses

Composition MusM

FT PT

Electroacoustic Music

Composition MusM

FT PT

Musicology MusM

FT PT

NANOSCIENCE

- Research that develops interdisciplinary skills
- Choice of experimental, theoretical and computational projects
- Six-month training course in core research techniques, including two mini projects in a choice of labs
- Research projects based in state-of-the-art nanoscience laboratories

NOWNANO (North West Nanoscience Centre for Doctoral Training) builds on the world-leading expertise in all nanoscience within Manchester and Lancaster universities to offer a broad, interdisciplinary doctoral training centre.

Before focusing on one specific area of nanoscience in their research projects, our PhD students receive initial training that demonstrates the breadth and potential of nanoscience and nanotechnology and prepares them for truly innovative, interdisciplinary PhD research. Throughout the training, the cohort meets and discusses their research, building a group of outstanding future nanoscientists.

Topics include: science and applications of graphene and other carbon-based nanomaterials; experimental and theoretical physics of nano-devices; nanophotonics and nanoplasmonics; synthesis, fabrication, characterisation and modelling of nanomaterials; applications of nanotechnology in solar cells, data storage, and imaging; tissue engineering for regenerative medicine, applications of nanotechnology for targeted drug delivery, and many others.

Find out more...

www.nownano.manchester.ac.uk
+44 (0)161 275 1887

Research programmes

Nanoscience PhD
FT

NUCLEAR ENGINEERING

- Intensive, broadly based doctoral training
- Close collaborations with key industrial companies from the nuclear sector

A huge demand currently exists for qualified engineers and scientists in the nuclear industry. Our four-year Engineering Doctorate in Nuclear Engineering is designed for individuals who aspire to a career in this thriving sector.

It comprises four elements: a doctoral-level research project, or portfolio of projects; a Diploma in Enterprise Management; taught technical course units; and an accredited professional development programme supporting your progression to CEng.

In addition to obtaining a high quality doctoral qualification, you will gain an understanding of how technology-driven businesses innovate, how they manage their operations and respond to the non-technical challenges they face in developing new products and processes. This is complemented by the practical experience of working closely with collaborating industrial R&D teams – wherever possible, you will be based within a company facility for a significant portion of your four years.

There is a strong cohort basis to the programme, which involves a consortium of UK universities led by our University in partnership with Imperial College London. Students from across the consortium come together for courses, workshops and other activities.

Find out more...

www.manchester.ac.uk/engd
+44 (0)161 306 4161

Research programmes

Nuclear EngD
FT

See also Physics and Astronomy p97.

NUCLEAR FISSION

- Gain a broad knowledge of nuclear science and the fuel cycle, conveyed through MSc-level course units in your first year
- Undertake a maximum of two 'taster' research projects, helping you to make an informed choice of PhD topic
- Project placements in industry or research institutions in the UK and overseas

Our Nuclear FiRST Doctoral Training Centre aims to underpin UK energy strategy by addressing the growing doctoral skills gap in nuclear fission science and engineering. It is a partnership between The Universities of Manchester and Sheffield, giving you access to world-class facilities and expertise at both venues.

We are adopting a radically different approach to PhD study, combining a masters-level foundation year with a three-year doctoral-level thesis project. Our DTC training programme provides you with an exciting and interdisciplinary approach to postgraduate research training, helping you to develop professional and interdisciplinary skills in a high quality research environment.

Find out more...

www.nuclearfirst.manchester.ac.uk
NuclearFirst-DTC@manchester.ac.uk
+44 (0)161 275 1887

Research programmes

Nuclear FiRST PhD
FT

See also *Physics and Astronomy* p97.

NURSING AND MIDWIFERY

- Highest ranked UK School for nursing and midwifery research
- Outstanding career development opportunities for nurses, midwives, allied health professionals and other health researchers
- PhD training available via online learning to support balance of professional and research commitments

RAE 4*50% 3*35% 2*10% 1*5%

Nursing and midwifery training at Manchester is recognised as internationally leading. With the largest research portfolio of such schools in the UK and Europe, we attract considerable funding and publish widely in renowned international journals. In collaboration with our NHS partners, we ensure our diverse academic study opportunities keep apace of changes in health and social care policy and practice.

We place great emphasis on high quality, applied research that supports the improvement of patient care and shapes UK health and social care policy and service provision. Some of our recent successes include running the successful EC-funded Prevention of Falls Network Europe, and testing and developing a range of self-help treatments for anxiety and depression in primary mental health care.

We have strong links with the School of Psychological Sciences, Institutes for Cancer, Population Health, Mental Health, and Human Development, and the Manchester Academic Health Science Centre,



In addition to gaining the many generic skills attained during PhD studies, I believe that the DTC gives added benefits that are helping me realise my career ambitions... Working within a group of PhD students with different academic backgrounds has allowed me to develop my team-working skills and improved my ability to communicate with scientists outside my discipline.

Lizzy Moyce
PhD Environmental
Mineralogy



which means our training opportunities span a wide range of multidisciplinary areas.

Our masters training includes preparation for professionals to further develop their careers in academic/clinical research, mental health and social care. We also provide short-term, flexible modular training for professionals in a range of areas, including research methods and design, cancer and palliative care and mentorship.

Our postgraduate research students (MPhil/PhD) receive extensive support beyond their immediate research area, excellent training in research methods and design, career development seminars and supervision by world-leading researchers. This all supports your transition into fellowship posts and various health and social care positions. We expect and support you to engage in co-authorship on eminent publications, undertake presentations at leading conferences and forge links with wider academic and professional communities to improve your skills development and enhance career prospects.

We provide outstanding facilities for postgraduate study, including seminar rooms, high-specification interpersonal skills laboratories and excellent online teaching and learning resources. Our University houses one of Europe's best library collections, with access to an extensive range of health and social care journals.

We particularly welcome postgraduates interested in health/social care research topics covering: mental health; management of long-term conditions; cancer, supportive and palliative care; midwifery; child and family health; and social care.

Find out more...

www.manchester.ac.uk/nursing
graduate.nursing@manchester.ac.uk
+44 (0)161 306 0270

Research programmes

Nursing MPhil/PhD
FT PT DL

Midwifery MPhil/PhD
FT PT DL

Taught courses

Advanced Practice Interventions
for Mental Health (APIMH)
PgDip/MSc*
PT

- Primary Mental Health Care pathway
- Dementia Care pathway
- Psychosocial Interventions for Psychosis pathway

Clinical Research PgDip/Clin
Res/MClin Res*
FT PT DL

Health and Social Care Research
PgDip Res/MRes HSC
FT PT DL

**Funded studentships may be
available on these courses – for
information, see our School
website*

PHARMACY AND PHARMACEUTICAL SCIENCES

- £18m investment in research training environment
- Strong record of training leaders in pharmaceutical industry
- Home of the National Centre for Pharmacy Postgraduate Education

RAE 4*30% 3*40% 2*25% 1*5%

Internationally renowned for research, Pharmacy and Pharmaceutical Sciences at Manchester also offers high quality teaching, translating excellence in basic science into professional training and continuing education. Housed in a recently refurbished £18 million research setting, we ally basic physical and biological sciences research to pharmacy disciplines to equip our graduates for research and/or careers in academia, pharmaceutical and related industries, or clinical pharmacy.

Pharmacists and healthcare

professionals can find a tremendous range of continuing professional development programmes in our National Centre for Pharmacy Postgraduate Education (CPPE). As well as providing short CPD programmes to pharmacists, pharmacy technicians and other healthcare professionals across the world, CPPE offers a part-time taught MSc in Community Pharmacy Public Health Services. We also offer a part-time taught PgDip in Clinical and Health Services Pharmacy for UK-registered hospital pharmacists who want to develop their clinical and management skills.

Pharmaceutical industry

scientists and managers pursue professional development with our modular advanced training programme (PIAT), with the option to obtain an MSc. Developed in close partnership with the pharmaceutical industry, course units cover industrial pharmacy, clinical trials, business development and pharmaceutical microbiology. Our MSc Modelling and Simulation in Pharmacokinetics and Pharmacodynamics offers advanced quantitative training to improve prediction of drug responses.

Science graduates seeking a research-related career in academia or industry will find our MPhil and PhD programmes provide an understanding of the complete drug development process, while enabling you to carry out advanced research in drug design, drug delivery, pharmacokinetics, or drug usage and evaluation. Research projects are often co-supervised by collaborators in medicine, engineering and basic life science or physical science disciplines. Our postgraduates play a key role in our research output; in addition to publishing articles and presenting at conferences, they develop important career skills in areas such as communication and public engagement, teaching, and commercial development.

Find out more...

www.manchester.ac.uk/pharmacy
pharmgrad@manchester.ac.uk
+44 (0)161 306 0259

Research programmes

Pharmacy and Pharmaceutical Sciences MPhil/PhD

FT PT

See also *Nanoscience*

Taught courses

Clinical and Health Services Pharmacy PgDip

PT

Community Pharmacy Public Health Services MSc/PGDip

DL

Modelling and Simulation in Pharmacokinetics/Pharmacodynamics Sc/PgDip/PgCert

DL

Pharmaceutical Industrial Advanced Training MSc/PgDip/PgCert

DL

PHILOSOPHY

- Research-driven teaching
- Generous contact hours
- Research expertise in a wide range of areas of analytical philosophy
- Excellent research culture and community

RAE 4*10% 3*35% 2*50% 1*5%

All our lecturing staff in Philosophy are research active, with specialisations in a wide range of areas of analytic philosophy. We place special emphasis on the philosophy of language, aesthetics, metaphysics, ethics, epistemology, the history of analytic philosophy and the philosophy of mind. Together with colleagues in Politics, we also offer significant research expertise in political philosophy, and an MA in Ethics and Political Philosophy.

The atmosphere at Manchester is intellectually stimulating and supportive. You will be fully integrated into our research-oriented activities; you will receive research-led teaching on cutting-edge philosophical issues, and will have many opportunities for discussion with staff, through generous formal contact hours, and informal interactions during weekly research seminars and other research-focused events.

As well as weekly research seminars, we host various international conferences; recent examples include: *The Expression of Emotion* (2013); *Collective Intentionality VIII* (2012); *the Philosophy of Mathematics* (2011); *Perceiving Others' Minds* (2011); *Emotion, Phenomenology and Content* (2011); *Fictionalism* (2009); *The Philosophy of Scanlon*

(2009); and Sharing Ends (2008). We are also home to two AHRC-funded research projects: The Foundations of Ontology (2011-2014) and Knowledge of Emotion: Expression and Social Cognition (2012-2015).

We also hold an annual workshop on the Philosophy of Language.

All our conferences and workshops are open to graduate students, including an annual graduate conference, Open Minds, at which we encourage you to present and discuss your work.

Find out more...

www.manchester.ac.uk/socialsciences/disciplines/philosophy
pg-soss@manchester.ac.uk

Research programmes

+44 (0)161 275 4743

Taught courses

+44 (0)161 275 1296

Research programmes

Philosophy PhD

FT PT

Taught courses

Philosophy MRes

FT PT

Political Economy (Research)
MA/PgDip

FT PT

Political Economy (Standard)
MA/PgDip

FT PT

Political Science (Ethics and
Political Philosophy) MA

FT PT

PHYSICS AND ASTRONOMY

- Top rated for research and one of the UK's largest schools in this discipline
- Two Nobel Prize winners on our current teaching staff
- Professor Brian Cox (University Research Fellow) is a member of our High Energy Physics group
- Wide range of collaborative projects worldwide
- Alumni in top jobs in industry, research and teaching

RAE 4*20% 3*35% 2*30% 1*15%

Our School of Physics and Astronomy at Manchester is one of the largest and most active schools of physics in the UK. We have a long tradition of excellence in both teaching and research, with interests in most areas of contemporary research.

In the most recent Research Assessment Exercise (2008), 85% of our School's research was rated as being of international quality, with 20% considered "world leading". The volume of world leading and internationally excellent research places our School fifth in the UK.

Strong research activity exists in a broad range of physics topics, funded by the Research Councils, including EPSRC, STFC, BBSRC, the EU and industry. All our research groups offer well-equipped laboratories and computing facilities and are involved in a wide range of collaborative projects with industry and other academic departments both in the UK and overseas.

Research in our School is organised into four divisions that bring together areas of physics with common interests and research culture. These are: the Condensed Matter, Atomic and Biological Physics Division; the Accelerator, Nuclear and Particle Physics Division; Jodrell Bank Centre for Astrophysics; and the Theoretical Physics Division. The latter cuts across all divisions, allowing experts in theoretical areas to work closely together, as well as collaborating with experimental physicists' specific areas.

Research groups within these divisions work on specific aspects of physics, across the whole range of the subject. Jodrell Bank Observatory is part of our School, and we also have strong links with other University of Manchester Institutes such as the Dalton Nuclear Institute, Cockcroft Institute, Photon Science Institute and the SKA Project Office and the Large Hadron Collider at Cern. We have very strong links to both UK and international facilities. More details can be found on our website.

A physics research degree is regarded by employers as evidence of thorough training in numerate problem-solving and opens up a wide range of career choices. In addition to a university or research laboratory career, PhD physicists are found across the full spectrum of employment, including the media, banking and finance, editorial work and medicine.

Find out more...

www.manchester.ac.uk/physics
pg-physics@manchester.ac.uk
+44 (0)161 306 3673

Research programmes

Astronomy and Astrophysics
EntD

FT

Astronomy and Astrophysics
PhD/MSc by Research/MEnt

FT PT

Physics PhD/MSc by
Research/MEnt

FT PT

Physics EntD/EngD

FT

In the Proposed Research
section within the online
application form, enter one of
the following in the Research
Title field:

Accelerator Physics

Astronomy and Astrophysics

Biological Physics

Complex Systems and Statistical
Physics

Condensed Matter Physics

Liquid Crystals Physics

Nonlinear Physics

Nuclear Physics

Particle Physics

Particle Theory

Photon Physics

Theoretical Nuclear Physics

Taught courses

Nuclear Science and Technology
MSc/PgDip/PgCert*

FT PT DL

Radio Imaging and Sensing MSc

FT

*For details on this course,
email info@ntec.ac.uk,
tel +44 (0)161 275 4575, or
visit www.ntec.ac.uk

See also *Engineering for
Manufacture p68, Nanoscience
p92, Nuclear Engineering p93,
Nuclear Fission p94.*

PLANNING

- Global leader in planning research
- Professionally accredited masters degrees
- Fieldwork an integral part of degree programmes
- Highly acclaimed PhD programme

RAE 4*20% 3*40% 2*30% 1*10%

Planning at Manchester is one of the oldest and largest professionally recognised land use and environmental planning schools in the UK.

We have an active research culture with a strong commitment to work at the cutting edge of current practice. In the most recent RAE (2008), 60% of our research activity was ranked as “world-leading” or “internationally excellent”, and in the past five years we have attracted in excess of £2.5 million in research and training contracts from research councils and foundations, international organisations, central and local governments, and commercial and voluntary bodies.


As part of the School of Environment and Development, PhD students in Planning benefit from being integrated into our vibrant, multidisciplinary research community. We have particular expertise in environmental planning and management, and spatial planning/urban development, but we welcome applications for postgraduate research in several planning-related fields. The RAE 2008 praised our PhD Planning programme for “outstanding quality evident in the research culture and student support”.



Although PhD study is conducted independently of others, I have still made close friends in the office, whom I can greatly rely on. They have helped me tremendously with many little things that have made my life easier. My supervisor has been giving me excellent supervision and guidance.



Peggy Li
PhD Theoretical Physics

A close-up portrait of Professor Sir Konstantin Novoselov, a man with dark hair and a slight smile, wearing a grey striped shirt. The background is blurred, showing what appears to be a laboratory setting with a microscope.

Professor Sir Konstantin Novoselov
Research Associate
School of Physics and Astronomy

“

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. The work that got us the Prize, we 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. I think this is within the culture of the British system: you are allowed to do those crazy experiments, which allows you to be creative.

”

Professor Konstantin (Kostya) Novoselov works in our School of Physics and Astronomy. He received the Nobel Prize for Physics in 2010 and a knighthood in 2012 in recognition of his work with Manchester colleague Professor Andre Geim on revolutionary super-material graphene. When not dealing with international fame, he is devoted to his research, works with his postgraduate students, and watches The Big Bang Theory.

“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. You always have experts in any field you need and, if you want to study a masters 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.”

**MANCHESTER
MADE ME...
A NOBEL PRIZE WINNER**

Our masters courses are accredited by the Royal Town Planning Institute (RTPI) and by the Royal Institution of Chartered Surveyors (RICS); graduates of the Master in Planning (MPlan) degree can proceed to become full members of the RTPI and chartered planners, while our other masters courses are accredited by the RTPI and the RICS as specialist masters degrees.

Find out more...

www.manchester.ac.uk/planning
 sed.admissions@manchester.ac.uk
 +44 (0)161 275 0969

Research programmes

Planning MPhil/PhD

FT PT

Taught courses

Environmental Impact
 Assessment and Management
 MA

FT PT

Global Urban Development and
 Planning MSc

FT PT

Planning MPlan

FT PT

Urban Regeneration and
 Development MA

FT PT

See also *Architecture* p50,
Geography p71, *International
 Development (IDPM)* p73.



It was The University of Manchester's and SED's reputation for excellence in the UK and worldwide that led me to choose it – and it was the right decision. I was amazed from the beginning by lecturers' excellent preparation of the sessions and by their deep knowledge of their subject. The personal assistance we received, always considering each one's needs and difficulties, also impressed me.



Victor Parilla-Mesa
 MA Environmental Impact
 Assessment and
 Management

POLITICS

- One of Europe's top centres for research training and teaching in politics
- One of the UK's largest groupings of political scientists, political theorists and international relations scholars

RAE 4*20% 3*30% 2*30% 1*20%

Politics at Manchester offers postgraduates a very wide range of choices when it comes to taught courses and research supervision, backed by extensive and high quality teaching and training resources.

We provide a challenging intellectual atmosphere for group study among postgraduates, along with the best possible support for individual students.

Find out more...

www.manchester.ac.uk/socialsciences
 pg-soss@manchester.ac.uk

Research programmes

+44 (0)161 275 4743

Taught courses

+44 (0)161 275 1296

Research programmes

Politics MPhil/PhD

FT PT

Taught courses

Human Rights (Research route)
 MA/PgDip

FT PT

- Political Science pathway
- Law/Political Science pathway

Human Rights (Standard route)
 MA/PgDip

FT PT

- Political Science pathway
- Law/Political Science pathway

International Politics (Research route) MA/PgDip

FT PT

- International Political Economy pathway
- International Relations pathway

International Politics (Standard route) MA/PgDip

FT PT

- International Political Economy pathway
- International Relations pathway

Political Science (Research route) MA/PgDip

FT PT

- Democracy and Elections pathway
- European Politics and Policy pathway
- Governance and Public Policy pathway
- Political Theory pathway

Political Science (Standard route) MA/PgDip

PT FT

- Democracy and Elections pathway
- Ethics and Political Philosophy pathway
- European Politics and Policy pathway
- Governance and Public Policy pathway
- Political Theory pathway

Political Economy (Research) MA/PgDip

FT PT

Political Economy (Standard) MA/PgDip

FT PT

Politics MA/PgDip

FT PT

See also *Humanitarianism and Conflict Response* p72, *Manchester Business School* p81, *Social Statistics* p106.

PSYCHOLOGICAL SCIENCES

- Training opportunities spanning core areas of psychology
- Home to the internationally recognised Max Planck Child Study Centre
- Member of the Neuroscience Research Institute

Psychiatry, Neuroscience and Clinical Psychology

RAE 4*5% 3*45% 2*40% 1*10%

Psychology

RAE 4*10% 3*35% 2*45% 1*10%

Postgraduate and professional development opportunities within Psychological Sciences at Manchester span areas including audiology and deafness, clinical and health psychology, cognition and cognitive neuroscience, language development and disorders, neuroscience and aphasia. We collaborate with numerous external partners, including NHS Trusts across the region, hearing aid companies and educationalists.

We offer PhDs across our areas of expertise, a Clinical Doctorate in Psychology (ClinPsyD), and professionally directed training in Audiology. Our MRes in Psychology prepares you for research careers or PhD study. Our MSc in Clinical and Health Psychology combines the academic grounding for both disciplines, while the MSc in Cognitive Brain Imaging provides technical and computational training informed by psychological science; both courses are unique in the UK.

Our postgraduate researchers (MPhil/PhD) play a key role in our research engagement and output. We encourage authorship on

eminent publications, presentation at conferences and engagement with the wider community to improve your skills development and career prospects. We host the Max Planck Child Study Centre, affiliated to the Max Planck Institute for Evolutionary Anthropology that focuses upon children's early language acquisition. Our postgraduates involved in cognitive neuroscience also benefit from involvement in the Neuroscience Research Institute, a cross-University network of neuroscientists offering seminars, career workshops and keynote lectures.

Find out more...

www.manchester.ac.uk/psych-sci
 pg-psychology@manchester.ac.uk
 +44 (0)161 275 2585

Research programmes

Audiology MPhil/PhD

FT PT

Clinical Psychology MPhil/PhD

FT PT

Clinical Psychology Doctorate
 Clin PsyD

FT

Psychology MPhil/PhD

FT PT

Taught courses

Audiology MSc/PgDip

FT

Clinical and Health Psychology
 MSc

FT

Cognitive Brain Imaging MSc

FT

Deaf Education PgDip

FT PT DL

Psychology MRes

FT PT

RELIGIONS AND THEOLOGY

- Small-group MA teaching by leading international scholars
- Wide range of specialisations available
- World-class archive resources from papyri to contemporary philosophy
- PhD alumni in top academic posts around the globe

RAE 4*25% 3*40% 2*30% 1*5%

Covering an unusually wide range of religious traditions, our masters degree courses prepare you either for further study, or for work in which religious and cultural awareness is important. They are taught mainly in small-group seminars.

Most of our subjects have a distinctive Manchester identity. Our theology courses tend to relate closely to cultural and practical issues, while many religion courses have an emphasis on politics and political theology. We put South Asian religious traditions in contexts that cut across conventional boundaries. We approach the Bible in its original contexts, such as Dead Sea Scrolls and the Roman Empire. We cover every period of Judaism, from Second Temple to the Holocaust and its consequences. For Christianity, we draw on resources from our University Library, a treasure house of everything from John Wesley's letters, to the oldest New Testament fragment in the world.

We have one of the strongest concentrations of PhD students in the UK, with some studentships available for both EU and international students. We offer supervision by specialists in the

religions of South and Central Asia, the Middle East and Europe, including Theology and Biblical studies, and political theology from a contemporary Western perspective. These are backed by major research centres, such as our Religion and Civil Society Network, Centre for Biblical Studies and Centre for Jewish Studies. They organise seminars and conferences, bringing in scholars from around the world.

Our doctoral graduates have gone on to hold top academic posts in the USA, the UK, Korea, Australia, China, Turkey and many other places.

Find out more...

www.manchester.ac.uk/religion

For MAs:
MASALC@manchester.ac.uk
+44 (0)161 306 1259

For PhDs:
PhDSALC@manchester.ac.uk
+44 (0)161 275 3559

Research programmes

Religions and Theology PhD
FT PT

Taught courses

Biblical Studies MA
FT PT

Jewish Studies MA
FT PT

Religion and Political Life MA
FT PT

Religions and Theology MA
FT PT

South Asian Studies MA
FT PT

SOCIAL ANTHROPOLOGY

- Cutting-edge innovative research
- World-leading visual anthropology programmes
- Intensive personal supervision for masters and doctoral students
- Excellent record of graduate employment, post-MA and PhD

RAE 4*20% 3*30% 2*40% 1*10%

Social Anthropology at Manchester is an internationally renowned and research-led discipline, covering many areas of the world and providing cutting-edge and core anthropology teaching. We offer a diverse range of supervisory expertise by staff based in the discipline and by anthropologists in University research centres (eg Research Institute in Cosmopolitan Cultures, Centre for Research on Socio-Cultural Change and Centre for Advanced Studies of the Arab World).

We house the Granada Centre for Visual Anthropology, which has developed some of the most innovative approaches towards anthropology and visual media over recent decades and is internationally renowned for its training in the use of film, video and other audio-visual media, including workshops given by practising film-makers, photographers and sound artists. The Centre boasts broadcast-quality equipment and varied study options, from short courses to four-year programmes.

Professor Dame Nancy Rothwell
Neuroscientist and President and
Vice-Chancellor of The University of Manchester



My career might have gone quite differently if I'd not been at Manchester. There's a good ethos throughout the University of interdisciplinary collaboration. 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, integrity matters here. Manchester has made me less selfish.



Professor Dame Nancy Rothwell is President and Vice-Chancellor of the University, and a distinguished life scientist with a specialism in neuroscience. Born and educated in Lancashire, she studied and worked in London for a while, before returning to the North West of England and joining The University of Manchester in 1987. She holds various senior positions, including President of the Society of Biology, Co-Chair of the Council for Science and Technology and a non-executive directorship at AstraZeneca.

"The University is very strong in life sciences; by national measures, it's certainly in the top three in the UK. It's all integrated, with fabulous new buildings and fantastic equipment. From a researcher's perspective, it's ideal, as you can easily work across disciplines with experts in so many different areas. People think of science as being quite lonely, but it's certainly not at Manchester; in fact, it's very sociable, because you're always working in teams. Our postgraduates can both carve out their own niche and benefit from a supportive network of colleagues."

MANCHESTER
MADE ME...
FOCUS ON VALUES AND
INTEGRITY

We have ESRC funding opportunities for UK/EU students pursuing doctoral degrees in social anthropology. Applicants also regularly compete well in School, Faculty and University competitions for doctoral postgraduate funding.

Our MA courses are known for their intellectual rigour, cutting-edge theory and the personalised academic supervision students receive; MA students normally see their own supervisor every two weeks. Our doctoral students form a lively community drawn from many different countries; closely integrated with and supported by academic staff, they help sustain our very dynamic intellectual environment.

Find out more...

www.manchester.ac.uk/socialsciences
pg-soss@manchester.ac.uk

Research programmes

+44 (0)161 275 1296
+44 (0)161 275 4471

Taught courses

+44 (0)161 275 4471

Research programmes*

Ethnographic Documentary
MPhil

FT PT

Social Anthropology MPhil/PhD

FT PT

Social Anthropology with Visual
Media MPhil/PhD

FT PT

Visual Anthropology MPhil

FT PT

Taught courses

Anthropological Research MA

FT PT

Social Anthropology MA/PgDip

FT PT

- Cities and Migration pathway
- Latin American Studies pathway
- Culture, Ethnography and Development pathway
- Museums and Material Culture pathway
- Media and Performance pathway
- Visual and Sensory Media pathway

Visual Anthropology MA**

FT

**A PhD in Anthropology, Media and Performance is also available; applications should be made through our School of Arts, Languages and Cultures*

*** This may also be available part-time; check our website for the most up-to-date details*

SOCIAL CHANGE

- Top rated for research
- Cross-disciplinary research of extraordinary breadth
- Expertise in novel advanced quantitative methods applied to social issues

RAE 4*20% 3*45% 2*35% 1*0%

Our interdisciplinary Institute for Social Change (ISC) conducts empirical research into the causes and consequences of social, political and ethnic change, and the impact of these on social cohesion and inequality.

We host major collaborative research projects such as 'Social Change: a Harvard-Manchester Initiative' and have links with renowned scholars such as Robert Putnam (Visiting Professor at ISC) and Bruce Western.

Our MSc is structured to foster understanding of the social and political processes driving social change, combined with advanced training in quantitative social science methods. PhD candidates are eligible to apply for fully funded three- and four-year studentships offered exclusively to students in ISC.

Find out more...

www.manchester.ac.uk/socialsciences
pg-soss@manchester.ac.uk

Research programmes

+44 (0)161 275 1296

Taught courses

+44 (0)161 275 4471

Research programmes

Social Change MPhil/PhD
FT PT

Taught courses

Social Change MSc/PgDip
FT PT

Rachael Thornloe, 26
St Austell, UK
PhD Health Psychology

MANCHESTER MADE ME... FLOURISH AS AN INDEPENDENT, INTERDISCIPLINARY RESEARCHER

Rachael entered higher education in Sheffield, gaining a First in her BSc Psychology, then an MSc in Health Psychology. She came to Manchester because of a new University of Manchester IMPACT study: a five-year research programme developing care and training packages to improve self-management for people with psoriasis. Rachael received funding from both the Psoriasis Association of Great Britain and Ireland and the Medical Research Council.

"The University of Manchester is at the forefront of translational health research and is committed to integrating psychological and medical care. I am excited by the potential of my PhD research to influence the development of evidence-based, high quality care provided for people with psoriasis. The University provides the superior facilities and research environment needed to achieve this goal. It is a privilege, as well as a great learning experience, to be able to work alongside researchers who are leaders in the fields of dermatology and psychology."

"From the start of my studies at The University of Manchester, my supervisors have encouraged me to write for publications and to present at psychology and dermatology conferences. The University environment is both friendly and stimulating, providing me with a solid foundation to take my research further and deeper. There is a strong ethos of encouraging postgraduates to grow and flourish as independent researchers, while also recognising the importance of effective team-working, support and feedback."



SOCIAL STATISTICS

- Top-rated in the last RAE
- Social statistics research and training in an applied context
- Strong track record of attracting ESRC PhD funding
- Very high PhD completion rates
- Strong collaborative relationships with other disciplines and practitioners
- High profile seminar series and visiting academics programme
- Short course programme for additional training

RAE 4*40% 3*20% 2*25% 1*15%

In collaboration with the Cathie Marsh Centre for Census and Survey Research (CCSR), Social Statistics is a high profile centre for applied quantitative research. Our research activity is both methodological and substantive, with a focus on social inequalities and population dynamics. Methodological research with longitudinal and multilevel data informs our interdisciplinary research applications in topics such as employment, ageing, health inequalities and migration, as well as methodological innovations in social network analysis and statistical disclosure risk.

With colleagues in Sociology, our research ranked joint first in the last Research Assessment Exercise, with the highest proportion of research judged to be “world leading” of any UK higher education institution. Social Statistics staff often act as consultants and conduct high profile research projects.

Our graduate programmes are formally recognised by ESRC and the North West Doctoral Training Centre, from whom we receive a large number of Advanced

Quantitative Methods and CASE awards each year. PhD students join a thriving research programme and receive high quality training and supervision tailored to their particular needs.

Our Social Research Methods and Statistics taught course provides a firm grounding in advanced quantitative methods, taught within an applied social science framework. Course units include: Statistical Foundations, Introduction to Statistical Modelling, Survey Research and Longitudinal Data Analysis. We run pre-session training courses before the MSc starts. As part of the North West Doctoral Training Centre, you can also attend certain courses and units in our partner institutions in Liverpool and Lancaster. Taking additional training on the CCSR short course programme is encouraged.

Graduates of our programme in Social Research Methods and Statistics are in a good position to obtain jobs in central government, the academic sector (including continuing to PhD), local government and commercial research.

Find out more...

www.ccsr.ac.uk

pg-soss@manchester.ac.uk

Research programmes

+44 (0)161 275 4473

Taught courses

+44 (0)161 275 1296

Research programmes

Social Statistics MPhil/PhD

FT PT

Taught courses

Social Research Methods and Statistics MSc/PgDip

FT PT

SOCIAL WORK

- Outstanding teaching from qualified practitioners and service users ensures relevant, high quality professional education
- Practice placement opportunities in a wide range of statutory and voluntary sector organisations
- Research opportunities spanning social care and population health

Manchester has a well-established history of providing excellent social work education, training and innovative research.

Our pre-qualifying social work course is accredited by the Health Professions Council, which has taken over regulatory responsibilities from the General Social Care Council (GSCC). As well as an academic qualification, successful postgraduates receive an accredited social work qualification that enables them to professionally register and use the protected title of ‘social worker’.

While undertaking the course, you will learn what it is like to work within modern social work practice, developing professional knowledge, skills and confidence commensurate with the qualifying requirements of the professional capabilities framework. This is the foundation for all post-qualifying professional development and career progression.

Our online MRes in Health and Social Care provides a solid foundation of research development specifically tailored to health and social care professionals.

The PhD social work programme is an integral part of our North West ESRC Doctoral Training Centre, assuring high quality research teaching, supervision and support. Our MPhil and PhD students play a key role in our research output and we expect authorship on eminent publications, presentation at conferences and engagement with the wider community. We have built our research culture on the integration of professional knowledge and expertise with strong research education and support.

Find out more...

www.manchester.ac.uk/nursing/socialwork
graduate.nursing@manchester.ac.uk
+44 (0)161 306 7746

Research programmes

Social Work MPhil/PhD
FT PT

Taught courses

Health and Social Care Research
PgDip Res/MRes HSC
FT PT DL
Social Work MA
FT

SOCIOLOGY

- Prestigious centre for sociology scholarship
- Excellent research training – top-rated research
- Expert supervision on a broad range of subjects within sociology
- High level of facilities offered to students
- Integration into a rich, vibrant research culture

RAE 4*40% 3*20% 2*25% 1*15%

Sociology at Manchester is one of the UK's largest and most prestigious centres for the subject. We were judged in the most recent RAE to be the best in the nation, with a higher proportion of our research activity rated "world leading" than that of any other university in the country.

Our stimulating research environment for postgraduate study includes several research centres and clusters attracting major research grants. We regularly host national and international events, to which postgraduates are invited. Seminars in the Sociology discipline and the related research centres provide a regular forum for postgraduate students to engage with cutting-edge research. We have a lively and sociable student culture, including a working paper series.

The MSc in Sociological Research is recognised by the ESRC as offering the training required for doctoral study, with training in both qualitative and quantitative methods.

We also have a good record of securing funding for PhD students.

Find out more...

www.manchester.ac.uk/socialsciences/disciplines/sociology/postgraduate/pgresearch

www.manchester.ac.uk/socialsciences
pg-soss@manchester.ac.uk

Research programmes

+44 (0)161 275 4743

Taught courses

+44 (0)161 275 1296

Research programmes

Sociology MPhil/PhD
FT PT

Taught courses

Sociological Research MSc
FT PT
Sociology MA/PgDip
FT PT

SUSTAINABLE CONSUMPTION

Our Sustainable Consumption Institute (SCI) is an interdisciplinary, academically independent research institute that conducts world-class research on issues relating to environmental sustainability and consumption. We emphasise interdisciplinarity, dialogue with external stakeholders (including consumers, businesses, governments, charities and NGOs), and intellectual advancement through developing new theoretical understandings and associated innovative empirical research methodologies.

Current research themes include: sustainable consumer behaviours and lifestyles; stimulating eco-innovation for sustainable production and distribution; climate change and carbon; and mitigation, adaptation and vulnerability. A new area of development is research into sustainable cities and eco-systems services.

You will undertake a rigorous programme comprising a number of integrated cross-disciplinary tasks and activities. We emphasise collaboration through effective communication, networking and teamwork.

By recruiting across all four University Faculties, we have developed an innovative and adaptable model for early career cross-disciplinary research training and international collegial community development.

Find out more...
www.manchester.ac.uk/sci
+44 (0)161 275 0913

Research programmes

Sustainable Consumption PhD
FT

TRANSLATION, INTERPRETING AND INTERCULTURAL STUDIES

- UK's largest concentration of translation and interpreting specialists
- Member of the European Masters in Translation (EMT) Network
- Wide range of specialist options and language specialisms

Asian Studies

RAE 4*10% 3*25% 2*45% 1*20%

French

RAE 4*15% 3*35% 2*35% 1*15%

German, Dutch and Scandinavian Languages

RAE 4*20% 3*35% 2*30% 1*15%

Iberian and Latin American Languages

RAE 4*30% 3*45% 2*20% 1*5%

Middle Eastern and African Studies

RAE 4*15% 3*45% 2*20% 1*15%

Our Centre for Translation and Intercultural Studies (CTIS) has an international reputation for the quality of our teaching and research activities.

Our MA in Translation and Interpreting Studies (MATIS) equips you with the knowledge and skills to pursue a successful career in translation and interpreting. With its combination of practice and research-oriented course units, it also provides excellent preparation for further study at PhD level.

Specialist translation course units (in any language combination) include: audiovisual, literary, commercial, scientific and technical translation;



My PhD is interdisciplinary in nature and the Faculty of Life Sciences is the place which gives me the opportunity to work on the challenging field of climate change and urban ecology. Supervisors and other members of staff are really helpful and always encourage excellence in my research. Altogether, it's a fantastic working environment.



Mohammad Rahman
PhD Sustainable
Consumption

translating for international organisations; and translation technology. Specialist interpreting options include consecutive interpreting (English-Arabic/ Chinese/ French/ German/ Spanish) and public service interpreting (English-Arabic/ Chinese/ French/ Spanish – other language combinations may be available subject to demand).

Two optional units, one on theories of translation and interpreting and one on cross-cultural pragmatics, offer intensive preparation for doctoral study. We also offer language-specific course units in English-Chinese.

Our specialised MA in Conference Interpreting (MACINT) prepares you for a professional career as a conference interpreter for the institutional and freelance markets.

Taught by practising conference interpreters, intensive practical training in consecutive and simultaneous interpreting in conference settings is complemented by research-oriented course units that enable you to critically reflect on your own and others' interpreting performance – excellent preparation for doctoral study. You may offer one of two profiles:

- Profile 1: You have English as your native language (A) and two passive foreign languages (C) from Arabic, Chinese, French, German and Spanish. You will be trained in both types of interpreting out of both C languages into your A language.
- Profile 2: You have Arabic, Chinese, French, German, or Spanish as your native language (A) and English as an active foreign language (B); or English as your native language (A) and Arabic, Chinese, French, German, or Spanish as an active foreign language (B). You will be trained in both types of interpreting in both directions (ie B→A and A→B).

Core CTIS members submitted to five of the most recent RAE units of assessment (see RAE above), reflecting the great breadth of our research activity. Our outstanding results make CTIS the UK's leading research group of its kind, and one of the largest such research groups worldwide. Our staff supervise doctoral research in numerous and innovative areas of translation and interpreting studies. For descriptions of all past and current PhD projects, see our website.

CTIS houses the Translational English Corpus: the largest computerised collection of translated English text anywhere in the world. This important research resource and our vibrant research environment – with one of the UK's largest postgraduate populations in translation and interpreting studies – attract visiting scholars from around the world.

We organise international scholarly events and a weekly research seminar. MA students learn about careers and current trends in translation, interpreting and related areas through interaction with established professionals, who are invited to our Professional Development Workshops series.

Excellent facilities include a conference room with Televic simultaneous interpreting equipment, a self-access digital lab for independent study, our Centre for Graduate Studies (a purpose-designed workspace for postgraduate students) and The University of Manchester Library's comprehensive holdings.

Find out more...

www.manchester.ac.uk/llc/ctis

For MAs:

MASALC@manchester.ac.uk
+44 (0)161 306 1259

For PhDs:

PhDSALC@manchester.ac.uk
+44 (0)161 275 3559

Research programmes

Interpreting Studies PhD/Phil
FT

Translation and Intercultural
Studies PhD/MPhil
FT

Taught courses

Conference Interpreting
MA/PgDip
FT PT

Translation and Interpreting
Studies MA/PgDip
FT PT

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Actuarial Science MSc/PhD	86
Adaptive Organismal Biology PhD/MPhil	76
Advanced Aerospace Materials Engineering MSc by Research	84
Advanced Audiology Studies MSc/PgDip/PgCert	52
Advanced Chemical Engineering MSc/PgDip/PgCert	53
Advanced Chemical Process Design MSc/PgDip/PgCert	53
Advanced Composites MSc	84
Advanced Computer Science MSc/MRes	57
Advanced Computer Science and IT Management MSc	57
Advanced Control and Systems Engineering MSc	65
Advanced Engineering Materials MSc/PgDip/PgCert	84
Advanced Manufacturing Technology MEnt	87
Advanced Manufacturing Technology and System Management MSc	87
Advanced Metallic Systems PhD	48
Advanced Practice Interventions for Mental Health (APIMH) PgDip/MSc	89, 94
Advanced Process Design for Energy MSc/PgDip/PgCert	53
Aerospace Engineering MSc / MSc by Research/PhD/MPhil	48
American Studies (History) MA	68
American Studies (Literature and Culture) MA	68
Analytical Science PhD/MPhil	53
Analytics: Operational Research and Risk Analysis MSc	81
Animal Biology PhD/MPhil	76
Anthropological Research MA	102
Anthropology, Media and Performance PhD	61
Applications in Environmental Science MSc	76
Applied Linguistics MA/PgDip	80
Applied Mathematics MSc/PhD	86
Applied Mathematics with Industrial Modelling MSc	86

Applied Mathematics with Numerical Analysis MSc	86
Applied Mental Health MSc/PgDip/PgCert	88, 89
Applied Theatre (pathway of MA Theatre and Performance) MA	61
Arab World Studies PhD	90
Archaeology MA/PhD	49
Architecture MPhil/PhD	50
Architecture and Urbanism MA	50
Art Gallery and Museum Studies MA	91
Art History MA	50
Art History and Visual Studies PhD	50
Arts and Cultural Management MEnt/Professional Doctorate	51
Arts Management and Cultural Policy PhD	51
Arts Management, Policy and Practice MA	51
Astronomy and Astrophysics EntD/PhD/MSc by Research/MEnt	97
Atmospheric Sciences PhD/MPhil/MSc by Research	62
Audiology MPhil/PhD/MSc/PgDip	52, 101

B

Basic Dental Science (Cancer Studies) PhD/MPhil	60
Basic Dental Science (Molecular Genetics) PhD/MPhil	60
Basic Dental Science (Stem Cell Biology) PhD/MPhil	60
Basin Studies and Petroleum Geoscience PhD/MPhil/MSc by Research	62
Biblical Studies MA	102
Biocatalysis PhD/MPhil	53
Biochemistry MSc/PgDip/PhD/MPhil	76
Bioethics and Medical Jurisprudence PhD	75
Bioinformatics PhD/MPhil	76
Bioinformatics and Systems Biology MSc/PgDip	76
Biological Chemistry PhD/MPhil	54
Biological Sciences MRes (including Integrative Mammalian Biology)	76
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Biomaterials Science and Dental Technology PhD/MPhil	60
Biomedical and Forensic Studies in Egyptology MSc/PgDip	76
Biomedical Materials PhD/MPhil/MSc by Research	84
Biomolecular Science PhD/MPhil	76
Biotechnology MSc/PgDip/PgCert	53
Biotechnology PhD/MPhil	76
Biotechnology and Enterprise MSc/PgDip/PhD	76
Business Administration Full-time MBA	81
C	
Cancer Research and Molecular Biomedicine MSc/PgDip	76
Cardiovascular Health and Disease MRes	88
Cell Biology MSc/PgDip/PhD/MPhil	76
Cell Matrix Research PhD/MPhil	76
Ceramics and Glasses PhD/MPhil/MSc by Research	84
Channels and Transporters PhD/MPhil	76
Chemical Engineering PhD/MPhil	53
Chemical Engineering and Analytical Science EngD/EntD/Integrated PhD/PhD/MPhil/MEnt	53
Chemical Engineering with Design MSc/PgDip/PgCert	53
Chemistry EngD/EntD/MSc by Research/MSc/PgDip/PgCert/PhD/MPhil/MEnt	54
Chinese Business and Management MSc	81
Chinese Studies PhD/MPhil	63
Civil Engineering MSc by Research/PhD/MPhil	55
Classics and Ancient History MA/PhD	56
Clinical and Health Psychology MSc	101
Clinical and Health Services Pharmacy PgDip	89, 95
Clinical Biochemistry MSc	88
Clinical Dentistry (Fixed and Removable Prosthodontics) MSc	60
Clinical Dentistry (Oral and Maxillofacial Surgery) MSc	60
Clinical Dentistry (Orthodontics) MSc	60
Clinical Psychology Doctorate Clin PsyD/MPhil/PhD	101

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Clinical Research PgDipClin Res/MClin Res	94
Clinical Rheumatology MSc	88
Cognitive Brain Imaging MSc	101
Colloids, Crystals, Interfaces and Materials PhD/MPhil	53
Communication Engineering MSc	65
Community Pharmacy Public Health Services MSc/PGDip	89, 95
Competition, Regulation and Development MA	73
Composite Materials PhD/MPhil/MSc by Research	84
Composition MusM	91
Computer Science MEnt/ MPhil/ PhD/PhD (4 years)	57
Conference Interpreting MA/PgDip	69, 108
Contemporary Literature and Culture MA	58
Corporate Communications and Reputation Management MSc	81
Corrosion and Protection PhD/MPhil/MSc by Research	84
Corrosion Control Engineering MSc/PgDip/PgCert	84
Counselling MA	64
Creative Writing MA/PhD	58
Crime, Law and Society MA	58
Criminology and Socio-Legal Studies MRes	58
Criminology PhD	58
Critical Learning Disability Studies MA	64
Cultural History MA	72

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Deaf Education PgDip	52, 101
Dental Implantology MSc/PgDip/PgCert	60
Dental Public Health MDPH/MRes/PgDip/PgCert	60, 89
Dental Public Health/Community Dentistry PhD/MPhil	60
Development Economics and Policy MSc	73
Development Finance MSc	73
Development Policy and Management MPhil/PhD	73

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Development Studies MA	73
Developmental Biology MSc/PgDip/PhD/MPhil	76
Digital Image and Signal Processing MSc	65
Digital Technologies, Communication and Education MA	64
Doctor of Business Administration DBA	81
Doctor of Enterprise EntD	81
Doctor of Philosophy PhD	81
Doctorate in Counselling Psychology DCounsPsych	64
Doctorate in Education EdD	64
Doctorate in Educational and Child Psychology DEdChPsychol	64
Doctorate in Educational Psychology DEdPsy	64
Drama PhD	61
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Early Modern History MA	72
Earth, Atmospheric and Environmental Sciences PhD/MPhil/MEnt/MSc by Research/EntD	62
East Asian Studies PhD/MPhil	63
Econometrics MSc	63
Economic and Social History MA	72
Economics MA/MSc/MRes/PhD	63
Economics (Economics of Health) MSc	63
Economics (Environmental Economics) MSc	63
Economics and Econometrics MSc	63
Education (International) MA/PhD	64
Educational Leadership and Improvement (Inclusive Education) MA	64
Educational Leadership and Improvement MA	64
Educational Leadership and School Improvement (Inclusive Education) MA	64
Educational Leadership and School Improvement MA	64
Educational Research MSc	64
Egyptology PhD/MPhil	76

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Electrical and Electronic Engineering EngD/EntD/MEnt/PhD/MPhil/Split-site PhD/MSc by Research	65
Electrical Energy Conversion Systems MSc	65
Electrical Power Systems Engineering MSc	65
Electroacoustic Music Composition MusM	91
Endodontics MSc/Clinical Dentistry (Endodontics) MSc/PgDip	60
Endodontology PhD/MPhil	60
Engineering for Manufacture EngD	68
English and American Studies MA/PhD	68, 70
English Language MA/PhD	80
Environmental Biology PhD/MPhil	76
Environmental Engineering PhD/MPhil	69
Environmental Geochemistry and Geomicrobiology PhD/MPhil/MSc by Research	62
Environmental Governance MSc	71
Environmental Impact Assessment and Management MA	98
Environmental Monitoring, Modelling and Reconstruction MSc	71
Ethnographic Documentary MPhil	102
Evolutionary Biology PhD/MPhil	76
F	
Finance MSc	81
Finance and Business Economics MSc	81
Financial Economics MSc	63
Financial Mathematics PhD	86
Fixed and Removable Prosthodontics MSc	60
Forensic Mental Health MSc/PGDip	88, 89
French Studies PhD/MPhil	69
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Gender, Sexuality and Culture MA	70
Gene Expression PhD/MPhil	76
Genetic Counselling MSc	88
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Geography: Physical Geography MPhil/PhD	71
German Studies PhD/MPhil	69
Global Business Analysis MBus	81
Global Urban Development and Planning MSc	73, 98
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Health Care Ethics and Law MA/PgDip/MSc (Intercalated)	75, 88
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Health Care Law PgCert	75
Healthcare Management MSc	81
History MA/PhD	72
History of Science, Technology and Medicine MSc/PgDip/PhD/MPhil	76
History: Economic and Social History Integrated PhD	72
Human Resource Development (International Development) MSc	73
Human Resource Management (International Development) MSc	73
Human Resource Management and Comparative Industrial Relations (International) MSc	81
Human Resource Management and Development (International Development) by Distance Learning MSc	73
Human Resource Management and Industrial Relations MSc	81
Human Rights (Research route) MA/PgDip	100
Human Rights (Standard route) MA/PgDip	100
Humanitarianism and Conflict Response MA/PhD	72
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ICTs for Development MSc	73
Immunology PhD/MPhil	76
Immunology and Immunogenetics MSc/PgDip	76
Industry, Trade and Development MSc	73

Information Systems: Business Information Technology MSc	81
Information Systems: e-Business Technology MSc	81
Information Systems: Organisations and Management MSc	81
Innovation Management and Entrepreneurship MSc	81
Inorganic Chemistry PhD/MPhil	54
Instrumentation PhD/MPhil	53
Integrated Clinical PhD	60
Integrative Neurobiology and Behaviour PhD/MPhil	76
Intellectual Property Law PgDip (validated route)	75
Intercultural Communication MA	69
International Business and Management MSc	81
International Development: Development Management MA	73
International Development: Economics and Management of Rural Development MSc	73
International Development: Environment and Development MA	73
International Development: Politics and Governance MA	73
International Development: Poverty, Conflict and Reconstruction MA	73
International Development: Public Policy and Management MA	73
International Development: Social Policy and Social Development MA	73
International Disaster Management MA	72
International Fashion Retailing (Business Process Improvement) MSc	84
International Fashion Retailing (Multichannel Marketing) MSc	84
International Fashion Retailing MSc	84
International Politics (Research route) MA/PgDip	100
International Politics (Standard route) MA/PgDip	100
Interpreting Studies PhD/Phil	108
Investigative Ophthalmology and Vision Science MSc	88
Isotope Geochemistry and Cosmochemistry PhD/MPhil/MSc by Research	62
Italian Studies PhD/MPhil	69
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Japanese Studies PhD/MPhil	63

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Languages and Cultures (research route) MA	69, 90
Languages and Linguistics MA/PgDip	69, 80
Latin American and Caribbean Studies MA	74
Latin American Cultural Studies MPhil/PhD	74
Law MPhil/PhD/LLM	75
Law and Development MA	75
Linguistics and English Language Integrated MA/PhD	80
Linguistics MA/PgDip/PhD/MPhil	80
Literatures and Cultures 1200-1700 MA	68
M	
Maintenance Engineering and Asset Management MSc/PgDip/PgCert	87
Management MSc	81
Management and Implementation of Development Projects MSc	73
Management and Information Systems: Change and Development MSc	73
Management of Projects – Commercial/Construction/Engineering pathways MSc	55
Management of Projects MSc by Research/PhD/MPhil	55
Managerial Psychology MSc	81
Marketing MSc / Marketing (Specialism) MSc	81
Master of Enterprise MEnt	81
Master of Environmental Sciences, Policy and Management (MESPOM)	62
Master of Philosophy MPhil	81
Master of Research MRes	81
Materials MEnt/PhD/MPhil/MSc by Research/EngD/EntD	84
Materials and Surface Design MRes	84
Materials Chemistry PhD/MPhil	54
Maternal and Fetal Health MRes	88
Mathematical Finance MSc	86

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Mechanical Engineering Design MEnt/MSc	87
Mechanical Engineering MSc by Research/PhD/MPhil	87
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Medical Education MSc/PgDip/PgCert	88
Medical Imaging MSc	88
Medical Microbiology MSc	88
Medical Sciences MRes	88
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Medicine MPhil/PhD/MD/ChM	88, 89
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Medieval Studies MA	68, 72
Membrane Trafficking PhD/MPhil	76
Metallic Materials PhD/MPhil/MSc by Research	84
Microbiology PhD/MPhil	76
Middle Eastern Studies PhD/MPhil	90
Midwifery MPhil/PhD	94
Modelling and Simulation in Pharmacokinetics/Pharmacodynamics Sc/PgDip/PgCert	95
Modern British History MA	72
Modern European History MA	72
Molecular and Cellular Neuroscience PhD/MPhil	76
Molecular Biology PhD/MPhil	76
Molecular Cancer Studies PhD/MPhil	76
Molecular Parasitology and Vector Biology MSc/PgDip	76
Multi-Scale Modelling PhD/MPhil	53
Museology PhD/CPD	91
Music: Composition PhD	91
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Neuroscience MSc/PgDip/PhD/MPhil	76
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Nuclear FIRST PhD	94
Nuclear Science and Technology MSc/PgDip/PgCert	97
Numerical Analysis PhD	86
Nursing MPhil/PhD	94
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Occupational Hygiene MSc/PgDip/PgCert	88, 89
Occupational Medicine MSc/Advanced PgDip/PgCert	88, 89
Oncology MRes/PgDip	88
Online Global Health PgCert/PgDip/MA	72
Operations, Project and Supply Chain Management MSc	81
Operative Dentistry PhD/MPhil	60
Ophthalmology PhD/MPhil	76
Optometry PhD/MPhil	76
Oral and Maxillofacial Surgery MSc/PgDip/PhD/MPhil	60
Oral Radiology PhD/MPhil	60
Organelle Function PhD/MPhil	76
Organic Chemistry PhD/MPhil	54
Organisational Change and Development MSc	73
Organisational Psychology MSc	81
Orthodontics PhD/MPhil	60
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Palaeontology PhD/MPhil/MSc by Research	62
Paper Science PhD/MPhil/MSc by Research	84
Peacebuilding MA	72

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Petroleum Geoscience for Reservoir Development and Production MSc	62
PGCE Primary	64
PGCE Primary (with Language Specialism)	64
PGCE Secondary Business Education	64
PGCE Secondary Design Technology	64
PGCE Secondary English	64
PGCE Secondary Mathematics	64
PGCE Secondary Modern Languages (French/German/Spanish)	64
PGCE Secondary Physics with Mathematics	64
PGCE Secondary Science (Biology/Chemistry/Physics)	64
Pharmaceutical Engineering Manufacture	87
Pharmaceutical Industrial Advanced Training MSc/PgDip/PgCert	95
Pharmacology PhD/MPhil	76
Pharmacy and Pharmaceutical Sciences MPhil/PhD	95
Philosophy MRes/PhD	96
Physical Chemistry PhD/MPhil	54
Physics EntD/EngD/PhD/MSc by Research/MEnt	97
Physics and Chemistry of Minerals and Fluids PhD/MPhil/MSc by Research	62
Physiology PhD/MPhil	76
Planning MPhil/PhD/MPlan	98
Plant Sciences MSc/PgDip/PhD/MPhil	76
Polish Studies PhD/MPhil	69
Political Economy (Research) MA/PgDip	96, 100
Political Economy (Standard) MA/PgDip	96, 100
Political Science (Ethics and Political Philosophy) MA	96
Political Science (Research route) MA/PgDip	100
Political Science (Standard route) MA/PgDip	100
Politics MA/PgDip/MPhil/PhD	100
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Polymer Materials Science and Engineering MSc/PgDip/PgCert	54, 84
Polymer Science and Engineering PhD/MPhil/MSc by Research	84
Portuguese Studies PhD/MPhil	69
Post-1900 Literatures, Theories and Cultures MA	68
Postcolonial Literatures and Cultures MA	68
Poverty and Development MSc	73
Primary Care MRes	88, 89
Probability PhD	86
Process Integration PhD/MPhil	53
Professional Doctorate in Applied Theatre	61
Professional Doctorate in Museum Practice	91
Profound and Complex Learning Disability MSc/PgCert	64
Prosthodontics PhD/MPhil	60
Psychiatry (Blended Learning) MSc/PgDip	88, 89
Psychology MPhil/PhD/MRes	101
Psychology of Education MEd	64
Public Health MRes/MPH/PgDip/PgCert	88, 89
Pure Mathematics PhD	86
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Quantitative Finance: Financial Engineering MSc	81
Quantitative Finance: Risk Management MSc	81
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Radio Imaging and Sensing MSc	97
Refinery Design and Operation MSc/PgDip/PgCert	53
Religion and Political Life MA	102
Religions and Theology MA/PhD	102
Renewable Energy and Clean Technology MSc	65
Restorative and Aesthetic Dentistry MSc	60
Restorative Dentistry PhD/MPhil	60

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Science Ethics PhD/Mphil	76
Screen Studies MA	61
Social Anthropology MA/PgDip/MPhil/PhD	102
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Social Change MPhil/PhD/MSc/PgDip	104
Social Research Methods and Statistics MSc/PgDip	106
Social Statistics MPhil/PhD	106
Social Work MA/MPhil/PhD	106
Sociological Research MSc	106
Sociology MA/PgDip/MPhil/PhD	107
South Asian Studies MA	102
Spanish Studies PhD/MPhil	69
Statistics MSc/PhD	86
Statistics MSc (Biostatistics)	86
Statistics MSc (Financial Statistics)	86
Stem Cell Research PhD/Mphil	76
Structural and Petrological Geoscience PhD/MPhil/MSc by Research	62
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Technical Textiles MSc by Research	84
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Textile Design, Fashion and Management PhD/MPhil/MSc by Research	84
Textile Science and Technology PhD/MPhil/MSc by Research	84
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Textiles and Fashion MEnt	84
The Environment and Sustainable Technology PhD/MPhil	53
The Manchester Global MBA	81
The Manchester Global MBA (accelerated)	81
The Manchester Global MBA (engineering pathway)	81
The Manchester Global MBA (finance pathway)	81
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Theatre and Performance MA	61
Theoretical Chemistry PhD/MPhil	54
Thermal Power and Fluid Engineering MSc	87
Tissue Engineering for Regenerative Medicine MRes	88
Toxicology PhD/MPhil	76
Translation and Intercultural Studies PhD/MPhil	108
Translation and Interpreting Studies MA/PgDip	69, 108
Translational Medicine MRes/PGCert	88
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Urban Regeneration and Development MA	98
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Visual Anthropology MA/MPhil	102
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Consider this prospectus an introduction to The University of Manchester. Please note that we prepare it well in advance of the academic year to which it relates. At the time of going to press, the degree programmes we describe are those that we plan to offer in 2013/2014. However, we aim to keep our programmes as current and relevant as possible, so we may make variations to the contents or methods of delivery of our programmes, discontinue programmes, or merge and combine programmes. Fees payable by students tend to increase with inflation, or to reflect the University's financial position. We therefore also reserve the right to make alterations to our fees, as necessary.

Please therefore check our website, or use the contact details within our programme pages, to ensure you get the most up-to-date information before applying.

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