

MANCHESTER
1824

The University of Manchester

UNDERGRADUATE INTERNATIONAL PROSPECTUS 2015



www.manchester.ac.uk/international

AS WELL AS READING THIS PROSPECTUS...

Visit www.manchester.ac.uk

Join our online admissions community

Admissions information and the latest University news
are available on Facebook and Twitter:

 /AdmissionsUoM

 @AdmissionsUoM

You can also see what our current students are up to on our student blogs
at manchesterstudentblogs.wordpress.com

Contact your admissions officer

Phone the admissions officer for your subject area with specific
queries about your course. Contact details are on our course pages.

TAKE THE FIRST STEP INTO A WORLD OF OPPORTUNITY

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A degree from The University of Manchester is a passport to a successful life and career. We are recognised throughout the world for the quality of our teaching, with international-standard research shaping our courses.

Employers know that Manchester graduates are equipped to make an impact. We give our students the best, from hi-tech learning environments to flexible courses built with your employability in mind.

WELCOME TO THE UNIVERSITY OF MANCHESTER



THE BEGINNING OF A LIFELONG JOURNEY

At Manchester we give you an experience that will prepare you for a lifetime of achievement.

We enjoy an international reputation for our pioneering research and innovation. This work underpins our undergraduate courses and introduces you to the latest thinking in your chosen field.

Our problem-based approach to learning will inspire you to think critically and creatively, cultivating your independence and making them more attractive to employers.

Each year we welcome more international students than any other UK university. Whatever they study, they soon make new friends from across the world.

We offer:

- a truly diverse university, welcoming almost 40,000 students from 154 different countries;
- a friendly, multicultural campus at the heart of an original, modern city;
- a degree that is highly rated by employers worldwide.

A DEGREE THAT THE WORLD WILL RECOGNISE

Part of the prestigious Russell Group of universities, with outstanding facilities and the widest range of courses, we are highly respected across the globe as a centre of teaching excellence.

Our international reputation as a leading teaching and research institution is demonstrated by our consistently strong performance in the Shanghai Jiao Tong University's Academic Ranking of World Universities. The 2013 survey ranked us fifth in the UK and 41st worldwide.

With strong links to global industry and courses that are built with employability in mind, we offer a degree that lifts our graduates above the rest.

We offer a world of opportunity. Studying here is only the beginning.

THEIR JOURNEY STARTED HERE

We have lifelong relationships with more than 265,000 former students spread across 200 countries. Many famous names completed courses with us, including:



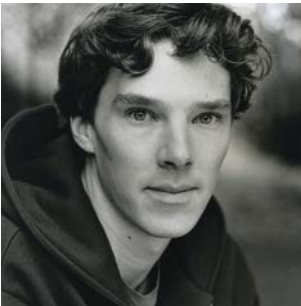
HE George Maxwell Richards
Former President of the
Republic of Trinidad and Tobago



Teo Chee Hean
Prime Minister
of Singapore



Leena Gade
Race engineer, Audi Sport



Benedict Cumberbatch
Actor



Lord Terence Burns
Chairman, Santander and
chairman designate, Channel 4



Sir Philip Craven
President, International
Paralympic Committee

“It is a very international campus. In class you see people from places like Mauritius, China, Hong Kong and Malaysia. Students have a great opportunity to see the world for what it is and to be exposed to the different cultures.”

Scott Wong
MBChB Medicine

THE MANCHESTER EXPERIENCE

A university that answers life's biggest questions.

A city with a passion for innovation and reinvention, setting the pace in industry, sport and the arts.

An education that will challenge and inspire you, equipping you for future success and encouraging you to make a difference.

Experience all this and more in Manchester.

MANCHESTER MADE THEM

Students and staff share their Manchester experiences throughout this prospectus.

Kaixi Xu

Management and Leisure student
page 44

Sohaib Suhail

Electrical and Electronic Engineering student
page 66

Scott Wong

Medicine student and international athlete
page 86

Professor Sir Kostya Novoselov

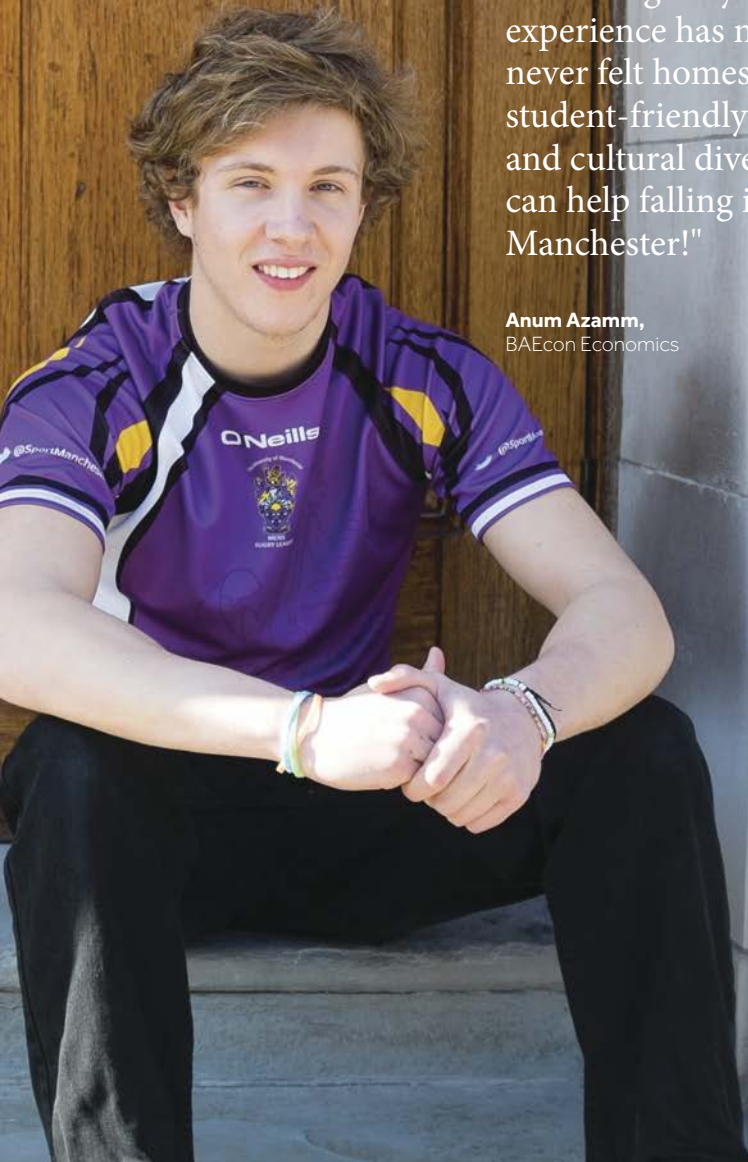
Physics and Astronomy research associate
page 94

Xia Shuen

Politics, Philosophy and Economics student
page 100

"Manchester is a second home to me. The warm welcome and generous hospitality it has bestowed on me through my university experience has meant I've never felt homesick. With its student-friendly environment and cultural diversity, no one can help falling in love with Manchester!"

Anum Azamm,
BAEcon Economics



INSPIRATIONAL MANCHESTER



It's in our DNA to find new ways of doing things, whether that is exploring the energy solutions of tomorrow through Manchester Energy, researching nuclear power at Dalton Nuclear Institute, or investigating the potential of a new wonder-material at the National Graphene Institute.

Our close links with industry accelerate our impact, quickly transforming research into practical solutions to some of the world's most urgent problems.

We have strong ties to the National Health Service and, through the Manchester Academic Health Science Centre, we are working with the population of Manchester to establish a model of innovative health research.

We have global reach, touching everyone from midwives in east Africa to artists in war-torn areas. We help improve livelihoods through our Brooks World Poverty Institute and, at the Sustainable Consumption Institute, we find smarter ways for the world to use its energy.

We educate businesses and leaders at Manchester Business School, and inspire the public at our Whitworth Art Gallery, Manchester Museum, John Rylands Library, Jodrell Bank Discovery Centre and Martin Harris Centre for Music and Drama.

Our students benefit from the experiences of renowned academics, such as Brian Cox, star of the BBC's science programming, and author Jeanette Winterson at our Centre for New Writing. And we're led by Vice-Chancellor Dame Nancy Rothwell, famed for her work on stroke and brain injury, and her commitment to public engagement.

Choose Manchester and become part of a teaching and research community that is committed to having a positive impact on the world at large, as well as on every individual who joins us.

GRAPHENE – THE WORLD'S LATEST WONDER MATERIAL

Lightweight, super-strong and highly conductive, this new wonder-material is set to transform technologies and revolutionise applications in every walk of life – from solar power and fuel cells, to flat-screen technology and disease detection.

Isolating the properties of graphene won our scientists Andre Geim and Kostya Novoselov the Nobel Prize for Physics in 2010, followed by knighthoods in 2012 for services to science.

www.graphene.manchester.ac.uk

LEADING THE FIGHT AGAINST CANCER

The new development of a £38 million state-of-the-art Manchester Cancer Research Centre (MCRC) – jointly funded by The University of Manchester, Cancer Research UK and The Christie – will provide cutting-edge facilities for the expansion of cancer research activities.

Our MCRC's integrated partnership approach is essential to turn research findings in the laboratory into better treatments for cancer patients and unites world-class research into cancer biology, drug discovery and clinical trials on one site.

www.manchester.ac.uk/mcrc

RESPONDING TO HUMANITARIAN CRISES

Uniting the disciplines of humanities and medicine, our Humanitarian and Conflict Response Institute broadens and deepens knowledge of humanitarian practices to effectively tackle contemporary crises across the globe. We prepare aspiring humanitarian professionals and provide research that informs and supports policy and decision makers, NGOs and charities.

Our team includes professionals whose decades of expertise and experience with organisations such as Médecins Sans Frontières informs our activities and teaching, and places us within an active network of humanitarian organisations.

www.hcri.ac.uk

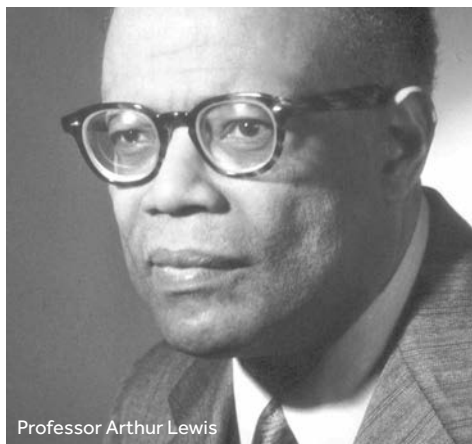
UNDERSTANDING THE BRAIN

The brain is the most complex thing on our planet. It makes us what we are. Neuroscience is the study of how the brain evolves, performs everyday functions, ages and is affected by disease.

Brain disorders place a huge and increasing burden on society. We are exploring new ways to identify and treat mental health and neurodegenerative conditions, including schizophrenia, stroke and Alzheimer's disease.

www.manchester.ac.uk/collaborate/expertise/neuroscience

ANSWERING THE BIG QUESTIONS SINCE 1824



Professor Arthur Lewis

Our story is one of world firsts and brilliant discoveries. In total, 25 Nobel Prize winners have worked or studied here.

Manchester is the birthplace of nuclear physics, where Ernest Rutherford first split the atom.

The world's first stored-program computer was developed here, and Alan Turing pioneered artificial intelligence during his time with us.

Our observatory at Jodrell Bank is home to the iconic Lovell Telescope – the biggest telescope of its type in the world when it was built. Fittingly, Jodrell Bank will soon be the central control hub for the world's largest radio telescope, the Square Kilometre Array.

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



Christabel Pankhurst, a Manchester law graduate unable to enter the profession on account of her gender, became one of the suffragette movement's most committed campaigners.

With a degree from The University of Manchester, you can become part of this distinguished group, whose collective achievements have shaped the history of the modern world.



Alan Turing,
Artificial intelligence pioneer

OUR RESEARCH

IMPACT ON STUDENTS – AND ON THE WORLD

The best universities are defined by their research. At Manchester our world-leading research directly benefits our undergraduate students.

Many of our academic staff are professional researchers as well as tutors and lecturers, carrying out scholarly or scientific investigation into their specialist subjects and making discoveries that contribute to global knowledge.

You'll mix with, and learn from, staff who are recognised internationally to be at the forefront of their subject, and who can incorporate the very latest thinking and discoveries directly into your course. Research that is in the news one day may feature in your lectures the next.

We have strong collaborative links with industry and public services, which inform our research and ensure that our courses are tailored to the needs of employers. And to help further our research, we invest significantly in facilities and resources, many of which will be available for students to use too.

Our research also has real-world impact. We are at the forefront of the search for solutions to some of the world's most pressing problems – such as cancer, poverty and climate change – and are making a real difference to the quality of people's lives.

HOW WE RANK

Manchester is ranked 5th in the UK and 41st in the world in the Shanghai Jiao Tong academic ranking of World Universities 2013.

**“I chose Manchester because
it has one of the best research
rankings and top-class facilities.”**

Ali Jahran
Biomedical Materials Science

FIND OUT MORE

www.manchester.ac.uk/research



MAKING A DIFFERENCE

At Manchester, we make a difference. We take our commitment to social responsibility seriously, contributing to the social and economic well-being of local and global communities through our teaching, research and public events and activities.

We also encourage and support our staff and students to make a difference, via various activities and experiences that have a positive impact on wider society and communities while also providing opportunities for personal and professional growth.

HOW YOU CAN MAKE A DIFFERENCE

Regardless of what you study at Manchester, you'll have the opportunity to be take part in our Ethical Grand Challenge Programme, where you will be confronted by three ethical grand challenges to prepare you as a responsible citizen and leader of tomorrow – covering sustainability, social justice and workplace ethics.

In addition our Manchester Leadership Programme offers volunteering opportunities that will enable you to develop skills sought by employers and interact with society, while our University College for Interdisciplinary Learning enables you to broaden your educational horizons beyond the scope of your chosen course.

Outside your studies there are plenty of chances to make a meaningful and beneficial contribution to the local community. Our dedicated student volunteering and community engagement team will connect you with organisations that require student volunteers, while Student Action, located in the Students' Union, will help you participate in a student-led community project or manage your own.



MAKING A
DIFFERENCE

FIND OUT MORE

Read more about our social responsibility work and priorities:
www.manchester.ac.uk/socialresponsibility

Hear from our students, staff and alumni on how they've made a difference:
makeadifferencemcr.tumblr.com



TEACHING AND LEARNING

OUR TEACHING

Our courses are designed to bring world-leading research into your classroom. Teaching is delivered by tutors who are at the forefront of their fields, and our strong business links ensure our courses will equip you with the skills employers look for.

At Manchester you can expect a full range of teaching methods. Alongside more traditional lectures and seminars you'll gain experience of methods such as group projects, enquiry-based learning and e-learning.

Assessment methods vary with each course, but may include examinations, project work and continuous assessment via essays, reports, presentations and practical work.

You'll discover:

- flexible, multidisciplinary courses that can be tailored to your interests and career ambitions;
- courses that challenge preconceptions and give you a greater understanding of what it means to be a responsible global citizen;
- an education that encourages independent critical thinking and analysis, focusing on skills that employers value;
- individual support from an academic adviser to help you take control of your learning and develop your confidence.

OUR FACILITIES

Libraries and study spaces

The University of Manchester Library is one of only five National Research Libraries in the country. With more than four million printed books and manuscripts, over 29,000 unique electronic journals and 414,000 electronic books, as well as several hundred databases, this is one of the best-resourced academic libraries in the UK. Alongside traditional library services, we offer self-service facilities, state-of-the-art group study areas and Wi-Fi throughout.

Our £24 million Alan Gilbert Learning Commons offers you a stimulating 24/7 environment for study, combining inspiring decor with flexible spaces and the latest in learning technology. See page 21 to find out more.

Across campus several specialist libraries offer subject-specific and tailored services. The John Rylands Library, a magnificent neo-Gothic building housing some of the world's finest collections of rare books and manuscripts, offers a vast array of resources that are available for students to use. It is also a thriving visitor attraction, offering a wide range of free exhibitions and events throughout the year.



IT facilities

We have more than 4,000 computers on campus, many within individual academic Schools and halls of residence. Nearly all of our halls of residence offer Internet access and there is extensive free Wi-Fi across campus.

All students have an IT account that allows them to access all our main computing services. These include our email system, which includes 25GB of individual storage space, a calendar for managing schedules, instant messaging and mobile phone compatibility.

If problems arise, there is always someone on hand to help via our 24/7 IT support telephone line.

You'll benefit from:

- extensive learning and research facilities;
- one of the largest and best-resourced university libraries in the UK;
- a dedicated IT provision that is constantly being updated to meet students' requirements;
- leading e-learning resources.

FIND OUT MORE

www.manchester.ac.uk/library
www.manchester.ac.uk/itservices

CAREERS

MAKE THE MOST OF MANCHESTER

- Manchester produces global graduates which are increasingly sought after by graduate employers. At Manchester not only will you mix and learn from a British community, but you will have an unparalleled opportunity to meet students from all over the world, learn about diverse cultures and improve your language skills.
- We have one of the largest and most vibrant Students' Unions with a range of societies (many of which are professionally focused). Join a society, broaden your connections and develop qualities such as leadership skills - all great on a CV!
- Meet global recruiters on campus
- We are one of the most targeted universities in the UK by graduate recruiters.

DEVELOPING SKILLS THAT EMPLOYERS WANT

At Manchester you can make things happen. Our graduates gain a sense of what opportunities are available and how to set their own course for success.

You'll gain a broad range of skills through your degree, but there's more that you can do in between study to make the most of this global environment; to stand out and make your job applications stronger.

We have relationships with leading multinational recruiters and run dedicated events and country-specific events for international students, and can offer you ideas and strategies for finding a job in your home country. We also subscribe to an international jobs database, which provides global opportunities and information.

If you want to work in the UK after graduating, we offer a dedicated website guiding international students on UK work visa options and regulations.

YOUR FUTURE

No other university works harder to help students to explore their futures and get their careers off the ground.

Find out more with our guides to job hunting in over 50 countries, our sessions on work visa opportunities for the UK, and our advice on how to sell your UK experience to future recruiters.

www.manchester.ac.uk/careers/international

FIND OUT MORE

www.manchester.ac.uk/study/undergraduate/expanding-study
www.manchester.ac.uk/careers/international
www.manchester.ac.uk/mlp



“The Careers Service really helped me get a job after graduation. During my final year they helped me to get my CV checked, practise psychometric tests, and attend several careers fairs and events.”

Sophie Robinson

BSc (Hons) Management (Marketing)

Find out how Akib used his time at Manchester to develop valuable skills to prepare him for the job market.

Gain experience... with an internship

Akib took advantage of our strong business connections to find an internship opportunity with a global marketing agency. The internship was advertised by our Careers Service, which also helped Akib to secure the position by advising him on writing an effective job application.

...or part-time work

Akib also developed his commercial experience and confidence in the workplace with a part-time job, working our recommended maximum of 20 hours per week during term-time at a local shop.

Akib's CV:

- Teamwork and leadership skills
- Timekeeping and responsibility
- Customer service and communication skills
- Experience of working in industry and commercial awareness
- Excellent networking skills
- Experience of working with different types of people from different backgrounds

Make connections

Akib attended some of our job fairs and networking events held throughout the year, with special events for specific countries.

He not only made contacts with employers from his home country, but also developed his networking and people skills, which are highly valued in the workplace.

... and online

Akib also took part in our online careers mentoring programme, which involves more than 400 mentors, and gained more networking experience via our online global alumni network.

Explore your options... through volunteering

While in Manchester, Akib volunteered in the local community as part of our Manchester Leadership Programme. He found the experience really rewarding, and it taught him many transferable skills that employers look for, including team work and leadership.

www.manchester.ac.uk/mlp

...or with a year abroad

Akib also chose to take advantage of the links we have with other universities across the world, and spent one year of his degree in France. He's now more confident working with people from different backgrounds. Where and when you can study depends on your degree.

www.manchester.ac.uk/undergraduate/studyabroad



THE MANCHESTER
EXPERIENCE

OUR CAMPUS



A HOME AWAY FROM HOME

Packed with excellent facilities and reaching into the heart of the UK's number one student city, our friendly campus offers everything you need for your studies and your leisure time.

Grand Victorian buildings sit alongside modern complexes, and you'll find quiet corners, landscaped gardens, cafes and common rooms where you can relax and spend time with friends. We have places of worship for the majority of faiths.

Getting around campus is easy; everything is within walking distance, or connected via a free bus service. Think of us as a village within a city.

INVESTING IN OUR CAMPUS

We have completed the biggest investment in buildings and facilities ever seen at a UK university, investing £750 million over one decade into contemporary lecture theatres, laboratories, studios, computer labs and a host of student support services.

And that's not all. We are now investing a further £1 billion in our campus to support the best learning environment for our students.

The Alan Gilbert Learning Commons

One of the most popular of our recent developments is this eye-catching, ultra-modern £24 million building. Open all day and night during term time, it can accommodate more than 1,000 students. It is the UK's first digital library and home to the most up-to-date IT facilities, a range of flexible learning spaces and a relaxing cafe area for breaks or meeting friends.

The building was the winner of the Facilities Project category in the 2014 Guardian University Awards.

A sustainable campus

We take environmental sustainability seriously at Manchester, with several award-winning practices. We are reducing our negative impacts, such as carbon emissions, and increasing our positive ones, such as maximising efficiency in all new buildings, stocking Fairtrade products in campus outlets, and subsidising hybrid electric campus buses.

Comprehensive, cross-campus recycling facilities are available, and we have set ourselves several environmental sustainability targets – which we encourage everybody at the University to work together to meet.

CULTURE ON CAMPUS

We aim to stimulate as well as educate, with visitor attractions open to students and the public:

- **Manchester Museum** – bringing ancient worlds to life and hosting a constantly changing programme of exhibitions.
- **John Rylands Library** – home to one of the world's finest collections of rare books and manuscripts.
- **Whitworth Art Gallery** – a newly refurbished premier art space located in nearby Whitworth Park.
- **The Martin Harris Centre for Music and Drama** – a performance space for music, drama and other arts.
- **Jodrell Bank Discovery Centre** – on the site of the iconic Lovell Telescope in the beautiful Cheshire countryside, the centre offers fun and engaging exhibitions and activities on astronomy and space physics.

THE MANCHESTER EXPERIENCE

THE UNIVERSITY OF MANCHESTER STUDENTS' UNION

Our Students' Union is an organisation run by and for students at the University. It is a base for student social life and plays a crucial role in the governance of the University. Inside the Union buildings you will find cafes, venues for live music and entertainment and a student advice centre.

The Union has an elected International Students' Officer, who represents the views of overseas students on campus.

Student societies

The Union is home to around 180 student societies, which cater for a huge range of interests and hobbies, and represent a variety of nationalities, faiths and lifestyles.

Student societies form an important part of the UK student experience. They are a great way for you to meet other students who share your interests. The subject areas for our courses are also likely to have their own societies that organise social functions. If you cannot find a society that matches your interests, you can start a new one yourself.

INTERNATIONAL SOCIETY

The International Society is an independent organisation that provides a warm and friendly welcome for students across several different universities and colleges in Manchester. The Society's office is based on campus, opposite the Students' Union. Its members, many of whom have themselves experienced living away from their native country, aim to ensure students have a rewarding experience in the UK.

The Society organises trips around the UK, a wide range of activities (including classes to learn conversational skills in different languages) and social events throughout the year.

“What sets Manchester apart from any other world-class institution or city is its comfort and ease – it is the best alternative to London’s hustle and bustle. It blends people from all walks of life from everywhere in the world, studying almost every degree one can fathom – and it works beautifully. The University does a fantastic job of balancing work and social life, which truly is the charm of this place.”

Shawkeen Siddiquey

BAEcon Business Studies and Economics

FIND OUT MORE

www.manchester.ac.uk/library/learningcommons
www.manchesterstudentsunion.org
www.internationalsociety.org.uk



THE CITY OF MANCHESTER

Manchester's unique character comes from its pioneering past; this is the place where the Industrial Revolution really took hold. The city grew dramatically in the 19th century on the wealth created by cotton, which paved the way for its amazing Victorian civic buildings, mills and factories.

But it's not all about industry. Manchester nurtures creativity and hosts international sporting events. Never content to live on past glories, this is a place that looks to the future with a passion for progress.

With events, facilities and attractions to suit every lifestyle, Manchester is lively, culturally diverse and easy to enjoy on a student budget. In fact, about a quarter of our students love Manchester so much, they make it their home after completing their studies.

GETTING AROUND

The University of Manchester is right at the heart of this exciting city, and our campus is just a short walk from the city centre. Although Manchester is one of the largest cities in the UK, it's easy to get around. It has excellent public transport links including inexpensive buses, local trams and an extensive train network that will connect you to the rest of the UK.

ART AND CULTURE

From classic art to the history of football, Manchester has an impressive range of museums and galleries, many of which are free. The Museum of Science and Industry brings innovation to life in the world's oldest railway station, while the Imperial War Museum North asks how war shapes people's lives. Manchester is also home to the National Football Museum and People's History Museum.



Classic and contemporary art is on show at the Manchester Art Gallery, while there are also smaller galleries to discover all over the city.

Manchester attracts some of the world's biggest bands and DJs, at venues such as the Phones 4u Arena and the Apollo. For new acts and smaller shows, head to venues such as Soup Kitchen, Deaf Institute, Gorilla and Band on the Wall.

The Hallé and BBC Philharmonic orchestras both perform at the Bridgewater Hall. Leading chamber orchestra Manchester Camerata also plays there, as well as at the Royal Northern College of Music, which stages a diverse programme of music. Everything from opera to comedy to experimental theatre takes place at the Palace Theatre, the Royal Exchange, the Contact Theatre and The Lowry.



Our University venues play an equally important role in the city's cultural life. You can discover ancient worlds at Manchester Museum, peruse our impressive collections at the John Rylands Library, enjoy exhibitions at the Whitworth Art Gallery or welcome touring bands at our Academy venues.

SPORT

Manchester has long been famous for football thanks to Manchester United and Manchester City, two of the biggest names in world sport.

National and international cricket are contested at Lancashire County Cricket Club, just outside the city

centre. There are also many rugby league and union clubs near Manchester.

Our city is home to the victorious Team GB cycling team and Britain's first indoor Olympic cycling track at Sportcity, where major squash, tennis and netball events also take place.

If you want to try rather than watch sport, you can test the track at the National Cycling Centre, learn to ski, snowboard or climb at Chill Factor® (home to the UK's largest indoor ski slope), go swimming at the Manchester Aquatics Centre (built for the 2002 Commonwealth Games) or sign up for the annual Great Manchester Run, the UK's favourite 10k running event.

“I have really enjoyed the different opportunities everywhere that are just waiting for me to go and take hold of them.”

Jeffery Rahal
BSc Genetics

THE MANCHESTER EXPERIENCE

FOOD AND DRINK

Manchester has an excellent reputation for food and drink, serving cuisine from practically every nation and to suit any budget, from high-class dining to takeaways.

Local shops and markets close to our campus make it easy for international students to find ingredients that they would buy at home. Vegetarian, halal and kosher foods are affordable and widely available.

We have the UK's second biggest Chinatown, where you'll find a number of Asian supermarkets and great restaurants. The famous 'Curry Mile' begins just outside the University campus: on this neon-lit street, countless restaurants sit alongside shops catering to the resident South Asian and Middle Eastern communities.

FESTIVALS

Manchester's enduring energy and cosmopolitan creativity can be seen in its impressive array of festivals, covering art, music, food, comedy, and much more.

FutureEverything brings art, digital culture, music and performance together, while 2015 will mark the fifth outing of the biennial Manchester International Festival, bringing a series of world premieres to the city.

South-east Asian culture is celebrated at Manchester Mega Mela. The ¡Viva! film festival showcases Spanish and Latin American cinema, and the Manchester Literature Festival gives us the best in contemporary writing from across the world.

RELIGION AND FAITHS

Manchester is home to people of many religions and faiths, and there are places of worship for most religions across the city, as well as dedicated religious clubs and societies within the Students' Union.

SHOPPING

Manchester is a shopper's paradise. The second largest shopping centre in the UK, the Trafford Centre offers a wealth of shops and leisure activities under one roof. It's just a short bus ride away, thanks to frequent public transport links.

In the city centre, Market Street is a modern British high street and a good starting point for any shopping trip. Premium department stores, such as Harvey Nichols and Selfridges, can be found near here, alongside shops more suited to a student budget, like Primark and TK Maxx.

For independent shops that offer something unique, the Northern Quarter is the place to go. Shops selling vintage clothing, music and art share streets with lively bars, cafes and restaurants.

“I love living in Manchester because it is so diverse in terms of the food and culture you can get on your doorstep.”

Emily Hind
BSc Biology

FIND OUT MORE

www.visitmanchester.com
www.timeout.com/manchester
www.creativetourist.com
www.manchesterconfidential.co.uk
www.manchestersfinest.com

BEYOND THE CITY

With a major international airport on our doorstep and excellent road and rail links with the rest of the UK, Manchester is the perfect base for exploring.

The national parks of the Peak District and the Lake District, along with the historic castles of North Wales, are all within easy reach, as are picturesque destinations such as Chester, York and Buxton. The north-west coast is less than an hour away by train

or car, offering the unspoiled beaches of Formby and the bright lights of Blackpool. You can reach Liverpool in about an hour, while London is just over two hours away, with direct rail services every 20 minutes from Manchester Piccadilly Station.

Manchester International Airport is a hub for connections to many European and international cities, with daily flights arriving from 200 destinations.



ACCOMMODATION

UNIVERSITY GUARANTEE

As an international student, you are guaranteed a place in a University-managed hall of residence for the full duration of your course, provided that you fulfil the following conditions:

- you are coming to the University alone;
- you have firmly accepted a place at the University
- you submit an application for accommodation by 31 August 2015.

In subsequent years of study you need to re-apply for accommodation. If you do not meet the conditions listed above, you are still welcome to apply for University accommodation, but a room may not be immediately available.

AT HOME IN MANCHESTER

We do everything we can to help our students settle in and feel at home. Our huge range of student accommodation means we have something for everyone.

Living in University accommodation gives you security and your family back home peace of mind. We manage over 7,500 rooms, offering a variety of types, costs and locations.

Much of our accommodation is very near to our main University buildings, and all of it is within two miles (three kilometres) of campus.

HALLS AND FACILITIES

The range of halls and types of room is extensive: from modern self-catering flats through to traditional college-style catered halls of residence. You are assured of your privacy, as all rooms are single occupancy. Both single and mixed-sex accommodation is available, and you have the option of en-suite or shared bathroom facilities. We offer specially adapted rooms for students with disabilities.

All rooms have an internet connection. Facilities vary between halls, but many have their own social areas, libraries, music rooms and sports facilities.

FIND OUT MORE

www.manchester.ac.uk/accommodation

FEES

University accommodation represents great value for money. Residency fees cover internet connection, personal possessions insurance and all utility services.

Example fees for 2015/16, based on a 40-week letting period, will be:

- £102 per week for a single self-catering room with shared facilities;
- £128 per week for a single self-catering room with en-suite facilities;
- £132 per week for a single room with shared facilities in a catered hall;
- £132-£138 per week for a single room in a single-sex catered hall (limited availability).

Fees vary according to hall and/or room facilities. Please consult our Accommodation Office website for details of individual hall prices.

Contact accommodation@manchester.ac.uk

“Halls are a base camp for your big city adventure, a chance to meet new people and stage your own adventures, while still under the watchful eye of someone who, at least for now, knows better than you.”

Jacob Carr
Dalton Ellis Hall

FAMILY ACCOMMODATION

If you plan to bring your partner or family to Manchester, we offer a limited supply of family accommodation, from double rooms to two-bedroom apartments. If we cannot provide you with the space you need, we can advise you on how to find suitable accommodation elsewhere.

SAFETY AND SUPPORT

Student safety is one of our highest priorities. Security guards patrol 24 hours a day and cameras are located throughout the campus. Most halls have student swipe-card entry systems and each residence has a team of wardens and tutors who live within the hall to offer help and guidance.

PRIVATE ACCOMMODATION

Manchester has a large supply of private rental accommodation in areas close to the University. Manchester Student Homes operates on behalf of the city's universities to help students find University-approved accommodation in the private sector, and it provides general housing advice and listings of available properties.

www.manchesterstudenthomes.com
manchesterstudenthomes@manchester.ac.uk



SUPPORT

We have nearly 40,000 students from 154 countries at Manchester, but we make sure that every individual who comes here gets all the assistance they need through our wide range of support services and teams.

We recognise that international students may have specific requirements, so we offer you additional help to make sure that your transition to living here is as smooth as possible.

BEFORE ARRIVAL

Studying with us may be your first experience of the UK so, to help you prepare for your arrival here, we send you a step-by-step arrival guide offering detailed advice. University staff also hold pre-departure briefings in several countries, providing guidance to students in making preparations and answering questions and concerns. You can also connect with us via social media to prepare for orientation at:



www.manchester.ac.uk/study/international/arrival

UNIVERSITY SHUTTLE SERVICE TO RESIDENCES

We run a free coach shuttle service for new international and EU students between Manchester Airport and all University accommodation sites at the beginning of the academic year. Priority on the service is given to students who are arriving on their own.

FIND OUT MORE

www.manchester.ac.uk/student-support
www.manchester.ac.uk/ssc

ORIENTATION

At the start of the academic year you can take part in a comprehensive programme of events for new international students, designed to introduce you to the practicalities of living and studying in Manchester. Activities include talks, workshops and social events where you can meet other new students and find out useful information about the University and the city of Manchester. Staff and current students will be on hand to answer any questions you have.

www.manchester.ac.uk/international/arrival/orientation

PERSONAL AND ACADEMIC ADVISERS

We will allocate you a personal adviser, who will keep an eye on your academic progress and also help guide you in any matters where you have a concern. You will also be allocated an academic adviser who can help with questions relating to course material.

STUDENT SERVICES CENTRE

Our Student Services Centre provides a single point of access to information and advice at the University. It will enable you to complete all your administrative transactions in one location. These include issues relating to tuition fees, student cards, scholarships and funding, examinations and graduation arrangements.

www.manchester.ac.uk/ssc



STUDENT IMMIGRATION TEAM

Our designated immigration advisers, the Student Immigration Team (based in Student Services) is authorised to provide advice and assistance on student immigration matters by the Office of the Immigration Services Commissioner. The team can also signpost students to other University services to help with problems relating to finance, accommodation, council tax, childcare and academic issues.

www.manchester.ac.uk/international-student-support

HEALTH CARE PROVISION

Students on courses that last for six months or longer qualify for free National Health Service (NHS) treatment from the beginning of their stay, on the same basis as anyone who is ordinarily resident in the UK. We strongly advise every student to register with a local doctor (known as a general practitioner or GP) near to their accommodation.

We offer an occupational health service on campus, where you can access help and advice on managing any health issues that may affect your ability to study or academic performance.

Contact waterloocchealth@manchester.ac.uk

CHILDCARE

Two nurseries are associated with the University for children between six months and five years of age: Dryden Street Nursery and Echoes Nursery. Both nurseries are staffed with trained and experienced personnel.

RELIGIOUS SUPPORT

We have chaplains on campus for Anglican, Baptist, Methodist, United Reformed and Roman Catholic churches. Facilities are provided for Jewish worship and there are prayer facilities across campus for Muslim students. There are also student societies for a wide range of religions, who can provide support.

COUNSELLING

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

www.studentnet.manchester.ac.uk/counselling

DISABILITY SUPPORT

We welcome students with additional support needs as a result of a medical condition, disability or specific learning difficulty such as dyslexia or dyspraxia. Students are strongly advised to contact our Disability Support Office before departure from their home country. If you have any personal care needs, you will need to have sufficient funding to meet the cost of this support. Contact our Disability Support Office for further advice: disability@manchester.ac.uk

www.manchester.ac.uk/dso

A photograph of a university campus. In the foreground, there is a green lawn. In the middle ground, a young tree with bright yellow-green leaves stands prominently. To the left of the tree, a person is walking, carrying a bag. To the right, another person is sitting on the grass. In the background, a large, historic stone building with many windows and arches is visible. The word "UNIVERSITY" is partially visible on the building's facade. A thin white horizontal line is positioned above the word "ADMISSIONS".

ADMISSIONS

IF YOU PLAN TO COME TO MANCHESTER

We will do all we can to help you prepare for your time here. We will also make sure you are supported throughout your studies, letting you focus on fulfilling your potential.



INTERNATIONAL FOUNDATION PATHWAYS



FOUNDATION YEAR

Many international school systems are based on one year less at high school and one year more at university, compared with the English system (see flowchart below).

If you have studied in a country with fewer than 13 years of school, and have not taken A-levels or the International Baccalaureate Diploma, it is likely that you will need to complete a foundation course before you enrol for a UK university degree.

A foundation course is a bridging course designed to equip students with the appropriate academic grounding for a UK degree. The foundation syllabus may also include additional English language teaching, if you need to improve your proficiency (see page 36).

At Manchester, we offer integrated foundation courses on campus for degrees in science and engineering, and at nearby Xaverian College for life sciences. For details of these courses, see pages 68 and 103.

INTO MANCHESTER

The University of Manchester validates an international foundation year offered in partnership with the INTO Manchester Centre. This course is designed to provide you with a guaranteed offer of progression (or, in the case of biological sciences, an interview) on to a wide range of our degree courses.

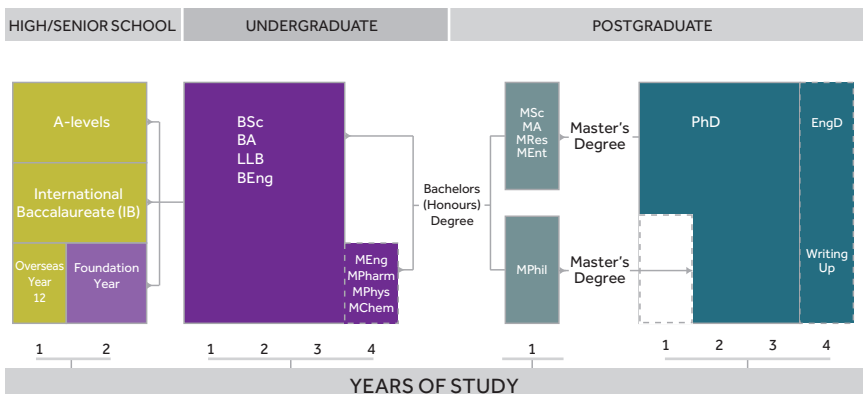
Find out more and apply on the INTO centre:
www.into.uk.com/uom

We will also consider candidates from other external foundation providers. To check whether a foundation course is recognised for a particular Manchester course, please email: international@manchester.ac.uk.

FIND OUT MORE

www.manchester.ac.uk/study/international/admissions/foundation-courses

ENGLISH EDUCATION SYSTEM FLOWCHART



ENGLISH LANGUAGE REQUIREMENTS AND SUPPORT

ENGLISH LANGUAGE REQUIREMENTS

Most students who have not achieved a grade C or above in GCSE, IGCSE or O-level English will be required to demonstrate English proficiency through an approved testing system, such as IELTS, TOEFL, Pearson or Cambridge English Advanced (CAE) and Cambridge English Proficient (CPE).

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's General Medical Council.

We accept some other testing systems from individual countries. Further information on these can be found by visiting the relevant country page on our website (www.manchester.ac.uk/international/country), or by emailing our International Office at international@manchester.ac.uk.



Common English language tests accepted by The University of Manchester

IELTS	TOEFL	Pearson	Cambridge ESOL	
	Internet based	PTE	CAE	CPE
7.5 – 9.0	109-120	74+	A	C
7.0	100	66-73	B	C
6.5	90	59-65	C	C
6.0	80	51-58	C	C
5.5	72	43-50	C	C

Please note that IELTS, TOEFL and Pearson scores only remain valid for two years. If you are applying with a certificate gained more than two years before the date on which you would start your course, you will need to retake the test.

To find a suitable testing centre in your home country for IELTS, contact the local British Council office, or visit: www.ielts.org.

You can find information about Pearson or TOEFL on www.ets.org and www.pearsonpte.com, respectively.

ENGLISH LANGUAGE SUPPORT

The University Language Centre (ULC) has over 30 years' experience of running English language courses for 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 (the British Association of Lecturers in English for Academic Purposes).

FIND OUT MORE

www.manchester.ac.uk/study/international/why-manchester/student-support/english-language-courses

www.manchester.ac.uk/langcent

FINANCE

TUITION FEES

University tuition fees vary according to the type of subject and cover the cost of study at Manchester, as well as charges for registration, tuition, supervision, research consumables and equipment usage, examinations and graduation. Paying tuition fees also entitles you to membership of our Library, the Students' Union and the Athletics Union.

To give you certainty in your financial planning, the annual tuition fee is fixed for the duration of your course.*

*Please note: this does not apply to clinical undergraduate courses in Medicine and Dentistry, or to progression from our foundation year to a degree course.

Standard annual tuition fees for new undergraduate international students for 2015/16 entry	
Arts-based courses	£14,500
Science-based courses	£19,000
Clinical-based courses	£33,000
Non-standard fees apply to many courses. For the specific tuition fees of individual courses, please visit: www.manchester.ac.uk/study/undergraduate	

COST OF LIVING

Compared with other cities, Manchester is an affordable place to live. This is something to bear in mind when you start to plan your finances.

Estimated living costs 2015/16 40 weeks	
Accommodation (average cost for self-catering hall)	£4,850
Meals (based on a budget of £38 per week)	£1,495
Local transport	£540
Books and stationery	£415
Clothes (including provision of warm clothing and footwear)	£415
Other general living expenses (eg photocopying and printing, laundry, phone calls, consumables, entertainment, sports, cooking equipment)	£1,540
TOTAL	£9,255
NB: This table presents approximate costs based on the 2014/15 academic year. Actual costs will depend on each individual's lifestyle and may rise in line with inflation.	

FUNDING

If you are looking for scholarships or other financial assistance towards covering fees and living costs, you should start thinking about how to fund your studies as early as possible, as many funding agencies and scholarships have strict deadlines.

Local British Council offices may be able to supply you with information in relation to funding opportunities. Visit: www.educationuk.org

Please note that it is a condition of most funding agencies that you should hold at least a provisional offer of a place to study at a university before applying for a scholarship. Adequate funding for the full cost of the first year of studies must be in place in order for you to successfully complete the visa application process.

Some academic Schools at The University of Manchester offer partial fee scholarships for their particular subject area. Consult the relevant School website for further details.

WORKING WHILE STUDYING

Undergraduate-level international students on a Tier 4 visa are currently permitted by law to work a maximum of 20 hours each week during term time, with no limit during vacations.

There is a broad range of part-time job opportunities for students both on the University campus and in the wider Manchester community. Our careers service can assist you in making the most of these opportunities, with initiatives such as the Part-time Jobs Fair and International Talent, a scheme for students with language skills or international work experience.

We advise you not to rely on part-time work to fund your studies. Please remember that you should already have enough money to pay for your tuition fees and living expenses for the duration of your studies, without the need to take on part-time work.

Further information on working part-time is available at: www.manchester.ac.uk/careers



FIND OUT MORE

www.manchester.ac.uk/study/undergraduate/student-finance
www.campus.manchester.ac.uk/ssc/tuitionfees

HOW TO APPLY

ENTRY REQUIREMENTS

General entry requirements, outlined as A-level and International Baccalaureate requirements, are included in the 'Courses' listings in this prospectus. However, these are provided as a guide only; you should always refer to our website for more detailed and up-to-date information in the course listings.

www.manchester.ac.uk/study/undergraduate/courses

International qualifications

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

www.manchester.ac.uk/international/country

If your country is not listed, or if you would like to check a qualification level, please email us at: international@manchester.ac.uk.

Please include as much detail as possible about the subjects you have studied and examination grades achieved.

Additional requirements

In addition to satisfying the general academic criteria, you will also need to demonstrate your English language proficiency. The English language level required is detailed under each subject section in this prospectus. For information on English language support and English language requirements, see pages 36 and 37.

Please note: there may be additional requirements for some courses such as proof of competency in mathematics, health checks, or specialist examinations such as aptitude tests. We advise you to check our website, or with the relevant academic School.

APPLYING TO MANCHESTER

All applications must be made through the Universities and Colleges Admissions Service (UCAS) at www.ucas.ac.uk. This applies to all students, home and overseas, applying to British universities.

UCAS charges an application fee. If you are applying to UCAS for entry in 2015, the application fee is £12 for a single choice and £23 for multiple choices.

The UCAS code for The University of Manchester is M20 MANU. The course code is listed next to the course name in the index starting on page 1.

WHEN TO APPLY

You can submit your application to UCAS from 1 September for entry in September the following year (for example, if you are applying to begin your studies in September 2015, you can submit your application from 1 September 2014). We advise early application as some courses become full.

The final application deadline for international students is 30 June 2015. However, if you want to apply for Medicine or Dentistry, the closing date is 15 October 2014 for entry in September 2015.

If you miss the deadline for applications, do not worry, as applications for many courses can be made through either UCAS Extra or clearing – although it is not possible to apply for Medicine or Dentistry courses after the 15 October deadline.

AFTER APPLYING

UCAS sends the applications to our University and they are passed to the admissions officer responsible for selecting students for each course. Every application is considered very carefully and you will be notified by UCAS whether or not your application has been successful. You can also track your application and make your decisions online via the UCAS Track facility on the UCAS website.

Offers

If your application is successful, we will make you an offer. In some circumstances, you may be invited to an interview first. The offer may be conditional (C) on future examination results, or unconditional (U) if the entry requirements have already been met. After receiving the offer, you should formally accept your place via UCAS. You do not need to know your examination results to accept your offer.

Applying for accommodation

If you have received an offer from us, we will also send you information on how to apply for accommodation. You should apply for accommodation as soon as possible after accepting your offer.

EDUCATIONAL ADVISERS

In some countries, we have educational advisers who are officially recognised by the University. They can assist in the preparation and submission of applications.

To find out if we have an adviser in your country, visit the relevant country page on our website:

www.manchester.ac.uk/international/country

VISITS TO COUNTRIES

University staff undertake regular visits overseas and are available for admissions advice and guidance. For more information, visit our website:

www.manchester.ac.uk/international/country

FIND OUT MORE

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



COURSES

This section of the prospectus outlines the courses we offer, organised alphabetically.

Use the course index on page 109 to find a specific course.

There are various joint courses available. Not all combinations are listed here. See the A-Z course index for all listings and UCAS codes.

All information is correct at the time of going to print, but we may make changes to courses at a later date.

Check our website for the most up-to-date information before applying, or use the contact details for the relevant subject area to find out more.

TYPES OF UNDERGRADUATE COURSE AT MANCHESTER

Undergraduate courses normally take three years to complete, but can take four or five years if they include a year abroad or an industrial placement.

Almost all Manchester courses are modular, to enable students to choose a route that best matches their interests. After the first year, you can specialise as you progress through your studies.

Types of degrees include:

- Bachelor of Science (BSc) – a science degree
- Bachelor of Arts (BA) – an arts degree
- Bachelor of Engineering (BEng) – an engineering degree (accredited by the Engineering Council)
- Undergraduate master's degree (eg MEng, MPharm) – an enhanced four-year undergraduate degree that includes additional subjects studied at a more advanced level.

www.manchester.ac.uk/international

**MANCHESTER
MADE ME**

**DANCING INTO
EVENTS MANAGEMENT**

Kaixi Xu, 22

Management and Leisure student

Kaixi spent her first year at Manchester helping forge other students' futures, as the careers' link with the University's Chinese Students and Scholars Association. As it turns out, organising expert speakers, liaising with recruitment agencies and helping undergraduates apply for jobs has also enhanced her own employability.

"Being the careers link has given me fantastic real-life experience in events management, which is exactly what I want to do when I graduate. I've been involved in arranging talks from major companies like Shell and really improved my networking skills and connections. I'm also in touch with Chinese alumni, inviting them back to the University to speak to students about their careers and the pathways they took.

"It's all incredibly useful because it relates completely to my subject and I hope it will help me get a job at the end. I'm also hoping it will land me a summer internship with a big hotel chain back home in Canton.

"My course is really comprehensive, covering a wide spectrum including arts, sports and tourism. We explore the financial and marketing aspects, but also the sociology and psychology of leisure – what motivates people to take part and what are the constraints, the reasons they choose not to.

"There are two-week internships every year, and you can choose to do almost anything. I spent my first teaching traditional Chinese dance to young children, which was brilliant.

"Outside of my studies I volunteer with a University project called Multilingual Manchester, helping Romanian students revise their CVs and improve their computer skills. I also love dancing, so I joined the dance society where we do jazz, hip-hop and ballet.

"The city has everything. It compares to London in terms of the numbers of international students, without being as expensive, so I can make the most of all the wonderful shops and restaurants."

"Manchester has been the best place for me. I've built up my own CV better than I could ever have imagined."

ACCOUNTING AND FINANCE

TYPICAL OFFER

A-level: AAA – AAB

IB: 35

Overall IELTS score of 6.5 (with no less than 6.0 in any component), or recognised equivalent.

YOU MIGHT ALSO BE INTERESTED IN ...

Business Studies and Management, Economics, Economic and Social Studies, Mathematics

FIND OUT MORE

www.mbs.ac.uk/ug/accounting

ug-mbs@mbs.ac.uk

MBS virtual open day

Find out more about current students' experiences, our courses and our campus: go.mbs.ac.uk/virtualopenday

Accounting and Finance at Manchester has an outstanding reputation, taught by staff whose research has been assessed as being either 'world leading' or 'internationally excellent' (Research Assessment Exercise 2008). Many leading firms (including KPMG, Ernst & Young, Deloitte, PricewaterhouseCoopers and Grant Thornton) work closely with us, participating in key events and guest lectures to equip you with the skills needed to excel in today's competitive marketplace.

COURSE INFORMATION

BSc Accounting (optional paid internship)

3/4yrs, UCAS code N400

Run by Manchester Business School (MBS)

This innovative course provides a fast track to a career in accountancy, integrating study of the theory and practice of accounting with the opportunity to gain relevant work experience and receive exemptions from professional accountancy exams (up to eight ICAEW ACA, seven ACCA and eight CIMA exams). As part of the ICAEW's Undergraduate Partnership Programme, you can undertake a paid internship in Year 3 with firms such as KPMG, Ernst & Young, Mazars, Grant Thornton and Goldman Sachs.

The BSc Accounting course is a professionally orientated course. You may also study accounting and/or finance

as part of the BA (Economics and Social Studies) if you wish to study within a wider social sciences framework. These courses are run jointly by the School of Social Sciences and Manchester Business School (MBS).

Accounting and Finance BA (Econ)

3yrs, UCAS code NN43

Economics and Finance BA (Econ)

3yrs, UCAS code LN13

Finance BA (Econ)

3yrs, UCAS code N300

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

AEROSPACE ENGINEERING

TYPICAL OFFER

A-level: AAA – AAB

IB: 37 – 35

Overall IELTS score of 6.0 (with no component less than 5.5), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

*Civil Engineering, Electrical, Electronic and Mechatronic Engineering, Mechanical Engineering, Mathematics, Physics and Astronomy, **Engineering with an Integrated Foundation Year***

FIND OUT MORE

www.mace.manchester.ac.uk

ug-mace@manchester.ac.uk

One of the pioneers in engineering education and research, the Mechanics Institute – the forerunner to The University of Manchester – was founded by Sir William Fairbairn in 1824. The term 'Reynolds Number' recognises the fundamental work in fluid flow that was undertaken by our first professor, Osborne Reynolds (appointed in 1868).

Today, all our engineering courses have a strong base in engineering science and build a solid foundation of practical design and analysis. Because our staff are actively involved in research, our teaching evolves to reflect state-of-the-art technology, giving you access to expertise in a wide range of engineering disciplines.

All our Aerospace Engineering Honours degrees are accredited by the Royal Aeronautical Society, which

means they are recognised as providing the educational base for the Chartered Engineer (MEng degree) or Incorporated Engineer (BEng degree).

COURSE INFORMATION

Aerospace Engineering BEng

3yrs, UCAS code H400

Aerospace Engineering MEng

4yrs, UCAS code H402

The first year of this course provides a taster of many different branches of engineering – studying aerospace engineering alongside mechanical engineering, electrical engineering and energy systems, as well as modelling and simulation, mechanics, heat, fluids, design and mathematics.

The course is structured to allow you to change specialism at the end of the first year. In Years 2 and 3, in-depth study of areas such as aircraft design and performance, flight dynamics, aerodynamics, propulsion, structures and dynamics give an integrated view of vehicles and systems with reference to applicable sciences and technologies.

If you choose to undertake the MEng, skills and proficiency in specialist subject areas are developed and you undertake a major group design project that consolidates all previous experience and knowledge.

Aerospace Engineering with Management MEng

4yrs, UCAS code H4ND

This is an ideal course for those who would like a career as an engineering project manager. The focus shifts slightly away from technical engineering and more towards project administration and enterprise management, plus project finance and risk management.

Aerospace Engineering with Industrial Experience MEng

5yrs, UCAS code H406

The mainstream MEng includes an additional year of experience in the UK aerospace engineering industry, working on real projects and gaining invaluable experience as a practising engineer.

CAREER OPPORTUNITIES

Graduates enter the global aerospace and defence industries, or continue on to postgraduate study. The enormous range of career opportunities reflects the

diverse and multidisciplinary nature of the aerospace sector. Graduates also choose careers in high technology, or pursue opportunities in business, management and finance.

For graduates with either 'Management' or 'Industrial Experience', the combination of an engineering education and an awareness of business issues will open up further career options to include commercial and project management.

WHY MANCHESTER?

- Long, distinguished history in engineering education and research – Manchester was the first English university to offer an engineering degree
- Excellent resources for information, computation and experimentation
- Professional accreditation by relevant UK institutions

ARCHAEOLOGY

TYPICAL OFFER

A-level: ABB – BBB

IB: 34 – 31

Minimum IELTS score of 7.0, or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Art History and Visual Studies, Classics and Ancient History, History, Social Anthropology

FIND OUT MORE

www.manchester.ac.uk/archaeology

ug-archae@manchester.ac.uk

COURSE INFORMATION

Archaeology BA

3yrs, UCAS code V400

Explore archaeology from the origins of humanity to the recent industrial past, combining important theoretical ideas with knowledge of how to survey, excavate and analyse archaeological finds. Our BA in Archaeology is designed to give an overall grasp of the

concepts and practical methods used in contemporary archaeology, while giving you a chance to develop knowledge of different periods. This might be the origins of agriculture in the ancient Near East, or exchange between Mediterranean societies; the stone circles and hillforts of British prehistory, or historic and colonial archaeology in Australia and Africa. Staff expertise includes the analysis of architecture and material culture, studies of ancient religion and belief, heritage and museums.

Fieldwork and excavation provide a core element of all our courses, and you will be involved in a range of exciting field projects in Scotland, Wales and England, Jersey, Cyprus, or perhaps further afield: Turkey, Australia and Easter Island. We also offer a number of limited placements in museums and galleries.

Ancient History and Archaeology BA 3yrs, UCAS code VV14

The joint degree in Ancient History and Archaeology combines aspects of archaeology studied on the single honours course, with course units on the ancient Mediterranean worlds of Greece and Rome. Examining both ancient literature and archaeological evidence enriches your understanding of these powerful cultures, which continue to inform the contemporary world. You will be taught within the Archaeology department as well as by colleagues in Classics and Ancient History, drawing on a wide range of expertise to explore ancient poetry, political and historical texts, and subjects such as Greek art or the Roman army. This course also offers you the chance to study an ancient language (Greek or Latin) with no previous experience required.

Archaeology and Anthropology BA 3yrs, UCAS code VL46

Studying both archaeology and anthropology offers you the opportunity to develop a comprehensive knowledge of cultural diversity in the past and present, gaining a sophisticated understanding of the social and material dimensions of human life. The two subjects are taught by their respective departments, drawing on a wide suite of expertise in global traditions, both ancient and modern. This degree helps you develop a range of analytical and practical skills needed to examine particular peoples, as well as examine past and current processes of globalisation.

CAREER OPPORTUNITIES

Many of our graduates have gone on to pursue careers in archaeology, history, museums, galleries and cultural resource management, or have pursued further study through master's and PhD programmes. Others have found employment in law, education, financial services, industry, media and administration.

WHY MANCHESTER?

- Diverse, multidisciplinary environment where archaeologists can work alongside anthropologists, visual culture historians and ancient historians
- On-campus resources of Manchester Museum and Whitworth Art Gallery, as well as our own extensive teaching collections and laboratories
- Extensive training in fieldwork from archaeological digs to ethnographic research

ARCHITECTURE

TYPICAL OFFER

A-level: AAA

IB: 37

Overall IELTS score of 6.5 (with 6.5 in writing and no other components below 6), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Civil Engineering, Planning and Environmental Management

FIND OUT MORE

www.manchester.ac.uk/architecture
seed.admissions@manchester.ac.uk

COURSE INFORMATION

Architecture BA 3yrs, UCAS code K100

Architecture education consists of five years of full-time study divided between two degrees.

First you will complete the three-year BA (Hons) in Architecture, followed by the two-year Master of

Architecture degree, which gives you exemption from the Architects Registration Board (ARB) and the Royal Institute of British Architects (RIBA) Part 1 and Part 2 examination.

On graduation from the BA, students normally undertake a year of professional experience in an architectural office under our guidance. This first experience of practice will prepare you for continuing architectural education, should you choose to progress to the Master of Architecture.

Manchester School of Architecture (MSA) has dedicated international support staff who provide assistance, advice and support from the moment you apply to the day you graduate. You will also benefit from our strong links with national and international architectural practices, and be equipped with the necessary tools that will allow you to source a placement for your year of professional experience.

Professional experience can be gained in various relevant subjects, such as architectural practice, construction, or graphic design. It can be taken as a full year out, in smaller stages throughout your studies (over summers), or afterwards.

Professional experience is advantageous and is taken into consideration when you are applying for your master's degree, but it is not always essential.

CAREER OPPORTUNITIES

Our graduates go on to work as architects for leading architectural and design practices, in leading roles within the wider construction industry, or in aligned creative design disciplines. Excellent opportunities exist to undertake research for postgraduate degrees.

WHY MANCHESTER?

- One of the largest schools of Architecture in the UK, established via an innovative collaboration between The University of Manchester and Manchester Metropolitan University
- Supported by strong relationships with industry, the profession and the RIBA
- Custom-built, brand-new teaching facilities and workshops opened in 2013

ART HISTORY AND VISUAL STUDIES

TYPICAL OFFER

A-level: ABB – BBB

IB: 33 – 31

Overall IELTS score of 7.0, or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Archaeology, History

FIND OUT MORE

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

ug-ahvs@manchester.ac.uk

COURSE INFORMATION

History of Art BA

3 yrs, UCAS Code V360

Art History and Visual Studies (AHVS) is one of the UK's foremost art history departments. Ranked 4th nationally in research, we have a thriving intellectual community that includes 11 full-time members of staff, 3 postdoctoral fellows, and some 30 PhD students.

We are noted for our strong interdisciplinary orientation, with particular strengths in modern and contemporary art, architectural history, museum studies, and the intersections of art and science.

As a student here you will benefit from an in-house teaching library, as well as the John Rylands Library in Manchester city centre, which houses renowned collections of pre-modern manuscripts and early printed books. Other nearby resources, such as the newly renovated Whitworth Art Gallery, the Manchester Art Gallery and Tate Liverpool, make Manchester an exciting place to study art history.

CAREER OPPORTUNITIES

Many of our graduates work as curators or conservators in art galleries and museums, some of whom have taken the highly regarded MA in Art Gallery and Museum Studies. Quite a few have gone on to successful careers in the commercial art world and

auction houses. Other professions include teachers, librarians, administrators, journalists and consultants.

WHY MANCHESTER

- Dedicated resources include the Whitworth Art Gallery, Manchester Museum and the John Rylands Library special collections
- Opportunities for volunteering and work placements at the Whitworth Art Gallery and other museums and galleries in Manchester
- Wide coverage of art and architectural history, from ancient Greece to modern and contemporary art, film, photography and performance

ARE YOU LOOKING FOR ART HISTORY AND VISUAL STUDIES WITH A MODERN LANGUAGE?

Our courses can be taken with a modern language — see the course index for UCAS codes. Information on Modern Languages can be found on page 85.

When you study Art History and Visual Studies with a modern language, you will spend a year at a university in a country where your chosen language of study is spoken.

BIOLOGICAL SCIENCES AND BIOMEDICAL SCIENCES

ARE YOU LOOKING FOR... Biological Sciences and Biomedical Sciences?

Biological Sciences and Biomedical Sciences are courses offered by Life Sciences. Find out more about Life Sciences on page 76.

BUSINESS STUDIES AND MANAGEMENT

TYPICAL OFFER

A-level: AAB

IB: 35

Overall IELTS score of 6.5 (with no less than 6.0 in any component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN ...

Accounting and Finance, Computer Science, Economics, Economic and Social Studies

FIND OUT MORE

www.mbs.ac.uk/undergraduate
ug-mbs@mbs.ac.uk

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

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

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

COURSE INFORMATION

Our management students enjoy a flexible course structure and wide range of options. The courses are all run by MBS and Year 1 is the same for each of them, making transfer between the different courses straightforward. For this reason, you should only apply for one of the options below.

Management BSc 3yrs, UCAS code N201

Our most flexible general management degree.

Management (Accounting and Finance) BSc

3yrs, UCAS code NN24

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

Management (Human Resources) BSc

3yrs, UCAS code N600

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

Management (Innovation, Sustainability and Entrepreneurship) BSc

3yrs, UCAS code N200

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

Management (International Business Economics) BSc

3yrs, UCAS code N246

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

Management (International Studies) BSc

3yrs, UCAS code N120

Study marketing, operations, finance and investment, or human resource management with an international focus.

Management (Marketing) BSc

3yrs, UCAS code N2N5

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

International Management (IM) BSc

4yrs, UCAS code N247

Run by MBS

International Management with American Business Studies (IMABS) BSc

4yrs, UCAS code N2T7

Run by MBS

With 29 exchange partners across 16 countries, the IM course provides the chance to study (in English) for a year at a university or business school in Europe, Hong Kong, Singapore, Australia, or New Zealand.

Alternatively, you can spend a year in the USA or Canada on our IMABS course. We have 20 exchange partners across 13 US states and 3 Canadian provinces; many feature in the Financial Times global business school rankings top 100.

Information Technology Management for Business (ITMB) BSc

3yrs, UCAS code GN51

Run by MBS

Information Technology Management for Business with Industrial Experience (ITMBIE) BSc

4yrs, UCAS code GN5C

Run by MBS

Designed in collaboration with more than 60 major employers (including IBM, Deloitte, Fujitsu, Unilever and the BBC) and accredited by e-skills UK, ITMB produces graduates who understand both business and IT, and have excellent project and teamworking skills. Employer involvement is integral, giving you early exposure to real business problems. Students focus equally on four major areas: business; technology; personal and interpersonal skills; and project management. Learning is primarily through team-based project work, supported by business mentors.

International Business, Finance and Economics (IBFE) BSc

3yrs, UCAS code N1N3

Run by MBS

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

BA (Econ) Business Studies

3yrs, UCAS code N100

Run by the School of Social Sciences, with input from MBS

Business Studies Courses

www.manchester.ac.uk/socialsciences
baecon@manchester.ac.uk

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

School business courses within the BA (Economic and Social Studies) degree include:

Business Studies BA (Econ)

3yrs, UCAS code N100

Business Studies and Economics BA (Econ)

3yrs, UCAS code NL11

Business Studies and Politics BA (Econ)

3yrs, UCAS code NL12

Business Studies and Sociology BA (Econ)

3yrs, UCAS code NL13

Our Business Studies streams within the BA (Econ) will help you understand how businesses operate within the broader economic, political and social environment. These are modern, multidisciplinary courses focusing on relevant topics in economics, accounting, finance, politics, sociology, social anthropology and criminology, as well as core business studies topics such as human resource management, marketing and information technology. This combination of social science disciplines – unique to the BA (Econ) – provides you with the practical knowledge and skills relevant to a career in business, as well as an understanding of the role and operation of business organisations in relation to the broader economic, political and social environment.

CAREER OPPORTUNITIES

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

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

WHY MANCHESTER?

- One of Europe's leading centres for Business Studies and Management
- Diverse range of generic, specialist, multidisciplinary and flexible degree options
- Teaching informed by the latest thinking, generated by leading specialists' research activities, and by close links with industry and employers

ARE YOU LOOKING FOR BUSINESS STUDIES AND MANAGEMENT WITH A MODERN LANGUAGE?

Our courses can be taken with a modern language — see the course index for UCAS codes. Information on Modern Languages can be found on page 85.

CHEMICAL ENGINEERING

TYPICAL OFFER

A-level: A*AA - AAA

IB: 39-37

Overall IELTS score of at least 6.0 (with at least 5.5 in each component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Aerospace Engineering, Chemistry, Civil Engineering, Electrical, Electronic and Mechatronic Engineering, Mechanical Engineering, Petroleum Engineering, Science with an Integrated Foundation Year

FIND OUT MORE

www.manchester.ac.uk/ceas
ug-ceas@manchester.ac.uk

Our long tradition of innovation and excellence is unrivalled: Manchester is the birthplace of the discipline of chemical engineering where, in 1887, George E Davis first delivered a series of lectures on the subject and published the first-ever chemical engineering book, *Handbook of Chemical Engineering*, in 1901.

COURSE INFORMATION

Chemical engineering relates to the science, technology and management involved in making the materials and products needed by our society. Whichever course you choose, you will study a range of core materials incorporating the fundamentals of chemical engineering, as well as supporting mathematics and science.

Technical aspects revolve around managing the behaviour of materials and chemical reactions – predicting and manipulating compositions, flows, temperatures and pressures of solids, liquids and gases. You will learn about chemical, physical and biological processes using mathematical equations, as well as about the equipment and techniques used for large-scale manufacturing, and the safety issues surrounding the industry. In the MEng degree you will study further options in your chosen specialism.

Our flexible courses allow you to find out what interests you and what you are best at before you choose your specialist subjects.

Chemical Engineering BEng

3yrs, UCAS code H800

Chemical Engineering MEng

4yrs, UCAS code H801

Chemical Engineering (Business Management) MEng

4yrs, UCAS code HN82

Many chemical engineers progress to senior management positions in process companies. This course includes subjects such as business economics, marketing, financial management, strategic planning, project management and quality management to give you a head start.

Chemical Engineering (Energy and Environment) MEng

4yrs, UCAS code H8F4

A major challenge to society and to future chemical engineers is how to produce and use energy in ways that are sustainable, economical and environmentally friendly. This course includes specialist units related to energy, including energy systems, wastewater engineering technology and utility systems, distributed and renewable energy systems and the nuclear fuel cycle.

Chemical Engineering with Biotechnology MEng

4yrs, UCAS code H8C5

Consider the science of living organisms and systems and how they are translated into economic and safe products and processes; for example, the manufacture of medicines, the use of genetic processing, treating industrial and human waste, and finding ways of using renewable resources.

Chemical Engineering with Chemistry MEng

4yrs, UCAS code H8F1

Find out how the skills of the chemical engineer and the chemist are brought together to design and manufacture products as wide-ranging as petrochemicals, pharmaceutical tablets, inkjet printing modules, deodorant sticks and chocolate. Gain an understanding of processes from the molecular level to industrial scale.



Chemical Engineering with Environmental Technology MEng

4yrs, UCAS code H8F8

Explore how chemical engineers make a difference to the environment by reducing waste, creating more efficient manufacturing processes and using clean technology.

CAREER OPPORTUNITIES

Our graduates pursue careers in industry as design engineers, consultants or managers, while others choose to undertake research and development of new products and processes. Fields open to them include food and drink, chemicals, oil, gas and petrochemicals, pharmaceuticals, toiletries, energy generation and disposal of waste.

Graduates also go into careers in non-chemical engineering sectors, such as business, finance, marketing, banking, insurance and IT. Many graduates progress into senior management.

WHY MANCHESTER?

- Manchester is the birthplace of chemical engineering as an academic discipline, with a distinguished history
- Leading employers in industry and business choose to recruit Manchester engineering graduates over others (National Signposts for Employability survey)
- Among the elite of UK chemical engineering departments, with excellent results in the most recent Research Assessment Exercise (RAE 2008)
- We have the newest chemical engineering facilities in the country, with the opening of our £15 million building in 2012.

ARE YOU LOOKING FOR CHEMICAL ENGINEERING WITH A YEAR IN INDUSTRY, OR STUDY IN EUROPE?

Most Chemical Engineering courses can be taken with industrial experience or study in Europe. See the course index for UCAS codes.

CHEMISTRY

TYPICAL OFFER

A-level: AAA – AAB

IB: 36 – 35

Minimum IELTS score of 6.0 overall (with no less than 5.5 in any component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Chemical Engineering, Computer Science, Life Sciences, Mathematics, Materials Science, Petroleum Engineering

FIND OUT MORE

www.manchester.ac.uk/chemistry

ug.chemistry@manchester.ac.uk

Our strengths in teaching and research include comprehensive academic coverage, excellence in all the core sub-disciplines of chemistry, outstanding facilities and a range of collaborations with life sciences, medicine and other physical and applied sciences.

We offer multidisciplinary MChem courses that combine Chemistry with other areas, and BSc courses in Chemistry and Medicinal Chemistry. These include a wide range of undergraduate research projects: from enzymatic reactions to single molecule magnets; from plasma clean-up of diesel exhaust, to fabrication of nanoparticles; from analysing the complex chemistry of living systems, to synthesising natural products.

COURSE INFORMATION

Chemistry BSc

3yrs, UCAS code F100

Chemistry MChem

4yrs, UCAS code F109

Chemistry with Medicinal Chemistry BSc

3yrs, UCAS code F150

Chemistry with Medicinal Chemistry MChem

4yrs, UCAS code F152

You can choose a three or four-year course, leading to a BSc or MChem degree. Years 1 and 2 follow a core structure; Years 3 and 4 allow greater flexibility.

Core topics include thermodynamics, kinetics, quantum chemistry, organic reaction mechanisms, natural product chemistry, stereochemistry and heterocyclic chemistry, structure and bonding, s, p, d and f block chemistry, chromatography and separations, molecular spectroscopy and mass spectrometry. Other course units cover a range of transferable skills, including presentational, quantitative, computer and IT skills.

CAREER OPPORTUNITIES

It's a promising time to get a degree in chemistry. The British chemical industry, the sixth largest in the world, is the UK's number one export earner. It is the largest UK manufacturing sector, with a turnover exceeding £50 billion, employing around 200,000 people.

Our Chemistry graduates are skilled in scientific methodology and are numerate, versatile and creative, making them attractive to employers from a range of sectors. Around half of our graduates get a first job directly using their chemical knowledge; 25% go on to a further degree; and the remaining 25% choose diverse careers in such areas as finance, management, computing and IT.

WHY MANCHESTER?

- £50 million investment over the past five years to build dedicated, advanced facilities
- Rated in the top four in research power (RAE 2008)
- Proud history since 1825, with seven Chemistry Nobel Prize winners

ARE YOU LOOKING FOR CHEMISTRY WITH A YEAR IN INDUSTRY, OR INTERNATIONAL STUDY?

Chemistry courses can be taken with industrial experience or international study. See the course index for UCAS codes.

CHINESE

ARE YOU LOOKING FOR... Chinese?

Chinese is part of Modern Languages – find out more about Modern Languages courses on page 85.

CIVIL ENGINEERING

TYPICAL OFFER

A-level: AAA – AAB

IB: 37 – 35

Overall IELTS score of 6.0 (with no component less than 5.5), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

*Architecture, Computer Science, Aerospace Engineering, Mathematics, Planning and Environmental Management, Physics and Astronomy, **Engineering with an Integrated Foundation Year***

FIND OUT MORE

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

Civil Engineering at Manchester has a rich history. The forerunner to The University of Manchester, The Mechanics Institute, was founded by Sir William Fairbairn in 1824, and was one of the pioneers in engineering education and research. In addition, fundamental work in fluid flow undertaken by our first professor, Osborne Reynolds (appointed in 1868), is recognised today by the widely used term 'Reynolds Number'.

Today, all our engineering degrees have a strong base of engineering science and build a solid foundation of practical design and analysis.

Because our staff are actively involved in research, our teaching reflects state-of-the-art technology, and gives access to expertise in a wide range of engineering disciplines.

Our staff members undertake internationally renowned, fundamental and industrially focused research across a wide range of engineering disciplines. This cutting-edge research expertise is embedded in our teaching.

Research interests of staff include: building aerodynamics; commercial management; construction materials science; conservation of structures; contamination studies; engineering systems and design; environmental engineering; fluid dynamics; fire engineering; geotechnics; numerical modelling; project management; risk and variability of materials; stadia dynamics and crowd-loading; tidal and wind energy.

You undertake one major research project in Year 3. MEng students also undertake a group design project with joint supervision from industry.

All our Civil Engineering courses fulfil the requirements of the Engineering Council UK and are accredited by the Institution of Civil Engineers and Institution of Structural Engineers through the Joint Board of Moderators.

COURSE INFORMATION

All courses contain the same core civil engineering subjects. Our MEng courses offer you the opportunity to develop specialised understanding and skills in different areas of interest.

Civil Engineering BEng 3yrs, UCAS code H200

Civil Engineering MEng 4yrs, UCAS code H201

You will discover civil engineering through studying subjects such as mathematics, mechanics, computation, construction materials, structures and geotechnics, engineering design and management. In Year 2 you will attend a residential field course to practise surveying and civil engineering design. Specialist knowledge is further developed in Year 3 in subjects including structural analysis and design, geotechnics, hydraulics, construction materials and management, and a year-long individual research project is undertaken.

If you take the four-year MEng course, you will go on to develop design skills in a realistic environment through a group project, jointly supervised by an industrial collaborator.

Civil Engineering (Enterprise) MEng 4yrs, UCAS code H204

Students are trained to become world-class engineers who understand the fundamental principles underpinning the science of engineering, but who can also apply that knowledge within the broader context of the modern business environment.

Civil and Structural Engineering MEng 4yrs, UCAS code H220

This course is ideal for those wishing to specialise in structural engineering, such as the design and construction of bridges and large buildings. While focusing on aspects of structural engineering, core units cover the same subjects as our Civil Engineering degree, thus satisfying academic requirements for entry to the Institution of Civil Engineers and the Institution of Structural Engineers.

ARE YOU LOOKING FOR CIVIL ENGINEERING WITH A YEAR IN INDUSTRY?

Civil Engineering courses can be taken with industrial experience. See the course index for UCAS codes.

CAREER OPPORTUNITIES

Our courses provide the academic basis for a professional career in the planning, design, construction and management of major civil and structural engineering projects.

They also lead to many other opportunities, and our graduates are in demand from all sectors of industry, commerce and public service. The skills developed give our graduates the ability to analyse and solve complex problems by a rigorous approach, and to communicate the results effectively. Graduates find employment in areas such as computing, law, insurance, production engineering, the oil industry, retail management, environmental work and property development.

WHY MANCHESTER?

- Long, distinguished history in engineering education and research – Manchester was the first English university to offer an engineering degree
- Extensive engineering industry links, enhancing both undergraduate teaching and ground-breaking research
- Professional accreditation by relevant UK institutions

CLASSICS AND ANCIENT HISTORY**TYPICAL OFFER**

A-level: ABB – BBB

IB: 34 – 31

Minimum IELTS score of 7.0 or equivalent, or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Archaeology, History, Art History, Middle Eastern Studies, English and American Studies, Modern Languages, Social Anthropology

FIND OUT MORE
www.manchester.ac.uk/classics
ug-classics@manchester.ac.uk

The Classics and Ancient History department at The University of Manchester is an exciting place to study. With access to outstanding facilities such as the University Library, Manchester Museum and The John Rylands Library special collections, you are sure to find your studies inspiring.

The department is one of the largest in the UK and combines a long tradition of excellence, both in teaching and in research, with exciting new courses, always within a collegial and informal atmosphere. We provide expertise in all the main aspects of Greek and Roman history, material culture and language and literature, as well as offering you courses which specialise in topics as diverse as Lysias, letter-writing, love poetry, literacy, law, and latrines in the ancient world.

Classics and Ancient History lets you explore every aspect of some of the greatest civilizations in history,

and internationally recognised experts in their fields will guide you through your course of study.

Our degrees are designed to cover the main areas of study in your field and also to let you have opportunities to explore new areas. You can choose a degree in Ancient History, Classical Studies (our most flexible single honours degree), or Classics (ancient Greek and/or Latin, together with course units in literature and culture), focusing on particular areas of study while also taking course units in a wide range of extra options.

You can also choose to do a joint honours degree, combining, for example, Latin with a Modern Language.

As part of your degree you will also have opportunities to undertake research on topics of your choosing, supported and supervised individually by members of the academic staff.

In most courses you are encouraged, but not required, to study an ancient language at some point during your degree.

CAREER OPPORTUNITIES

Degrees in Classics and Ancient History open many doors and close virtually none. A classical degree is highly prized by employers, and we see our graduates go on to pursue careers in the media, Civil Service, banking, industry, accountancy, retail management, and law, as well as teaching, to name just a few. Many graduates also choose to go on to further study.

Ancient History BA

3yrs, UCAS Code V110

Classical Studies BA

3yrs, UCAS Code Q810

Classics BA

3yrs, UCAS Code Q800

WHY MANCHESTER?

- One of the largest concentrations of classics and ancient history experts of any university in the UK
- One of the largest library collections of classics-related material in the UK
- World class collections of papyri and ancient manuscripts in the John Rylands Library
- Wide range of ancient world material in Manchester Museum



COMPUTER SCIENCE

TYPICAL OFFER

BSc/BEng courses

A-level: AAA

IB: 37

Overall IELTS score of 6.0 (with no lower than 5.5 in any component), or recognised equivalent

MEng courses

A-level: A*AA

IB: 38

Overall IELTS score of 6 (with no lower than 5.5 in any component), or recognised equivalent

Please note that all courses except Computer Science (Human Computer Interaction) require A-level Mathematics or equivalent.

YOU MIGHT ALSO BE INTERESTED IN...

Business and Management, Electrical, Electronic and Mechatronic Engineering, Mathematics, Physics and Astronomy

FIND OUT MORE

www.manchester.ac.uk/cs

ug.comp.sci@manchester.ac.uk

Manchester saw the birth of the computer and introduced the Computer Science undergraduate degree. Today, we remain at the forefront of the discipline and offer some of the UK's strongest undergraduate courses. We are also one of the UK's largest computer science schools, giving us strength and depth across the discipline.

ARE YOU LOOKING FOR COMPUTER SCIENCE WITH A YEAR IN INDUSTRY?

All Computer Science courses can be taken with industrial experience. See the course index for UCAS codes, or contact ug.comp.sci@manchester.ac.uk for more details.

COURSE INFORMATION

Computer Science BSc

3yrs, UCAS code G400

Computer Science MEng

4yrs, UCAS code G401

On this, our most popular and flexible course, you will receive a thorough grounding in the principles and practice of computer science, from hardware design, through software development and maintenance, to a wide range of application areas. To help with the choice of course units, we organise them into themes that focus studies and project work, allowing you to specialise in areas such as web and distributed systems, computer architecture, or information systems in business.

Software Engineering BSc

3yrs, UCAS code GG6K

Software Engineering MEng

4yrs, UCAS code GG64

You will gain a thorough grounding in the general theory and practice of software development and maintenance, with particular emphasis on the development of large or mission-critical systems, and those intended for use in rapidly changing environments. You will cover topics relating to the software lifecycle, from finding out what the system is really supposed to do, to the production of a running system using modern tools for supporting parts of this process.

Artificial Intelligence BSc

3yrs, UCAS code G700

Artificial Intelligence MEng

4yrs, UCAS code G702

This course enables you to extend the study of general principles and practice of computer systems and software development, with the chance to examine some techniques of artificial intelligence. These tackle the problems of enabling a computer to interpret the world around it, learn and reason about what it perceives, and communicate with people and other computers about what the world is like and what it wants to do.

Computer Systems Engineering BEng

3yrs, UCAS code HH66

Computer Systems Engineering MEng 4yrs, UCAS code GH4P

Sophisticated electronic systems are all around us. Many of these are embedded systems, which typically contain memory, one or more microprocessors, a communications capability, application-specific hardware and software. Extensive knowledge and skills are needed to support their development, including digital electronics, software engineering, computer architecture and digital signal processing.

Computer Science (Human Computer Interaction) BSc 3yrs, UCAS code I140

Computer Science (Human Computer Interaction) MEng 4yrs, UCAS code I142

Human computer interaction is an exciting new field which looks at the interaction between computer systems and their human users. It is radically changing the way in which we experience our world through the development of new applications in science, engineering and business, and is taught jointly with specialists from all four Faculties, making it a truly interdisciplinary course.

Unlike our other courses, advanced-level Mathematics is not required; however, we do look for a strong background in sciences.

JOINT DEGREES

Computer Science with Business and Management BSc 3yrs, UCAS code G4N2

Computer Science and Mathematics BSc 3yrs, UCAS code GG14

CAREER OPPORTUNITIES

While many of our students take up employment in the IT industry, our graduates are increasingly in demand from a very broad range of employers, as they come to depend increasingly on computer-based products, services and ways of working. Graduates work in virtually all areas of business and society, including finance, entertainment, health care and public services.

From large multinational firms to small local organisations, employers actively target our students for sponsorship, industry placements and full-time positions after graduation. They know our graduates are equipped with the skills they need.

WHY MANCHESTER?

- Distinguished history in computer science, dating from the birth of the world's first stored-program computer at this University
- Entrepreneurial culture, enabling close relationships with industry
- First computer science degree in the UK

CRIMINOLOGY

ARE YOU LOOKING FOR... Criminology?

At Manchester, Criminology is taught within our School of Law. Find out more about Law courses on page 74.

DENTISTRY

TYPICAL OFFER

Due to the detailed nature of entry requirements for Dentistry, we are unable to include a typical offer in the prospectus.

FIND OUT MORE

www.manchester.ac.uk/dentistry
ug.dentistry@manchester.ac.uk

COURSE INFORMATION

BDS (Bachelor of Dental Surgery) in Dental Surgery
 5yrs, UCAS code A206

The subjects taught in all UK dental schools are controlled by the General Dental Council. Their document 'Preparing for Practice – Dental Team Learning Outcomes for Registration' gives details on what is covered in the BDS programme.

Please note that the government restricts international places on dentistry courses across the UK. We can therefore only offer around three places per year to international (non-EU) applicants.

CAREER OPPORTUNITIES

BDS graduates can work in the UK (subject to satisfactory working visa clearance) in general practice, the community dental service, hospital practice, university teaching and research, various individual organisations and the armed forces. The qualification is recognised throughout the European Union and in many other countries.

WHY MANCHESTER?

- Distinguished reputation in dentistry, long established since 1884
- Extensive experience in outreach community clinics, allowing you to treat patients regularly and experience clinical dentistry in a 'real world' environment
- Innovative enquiry-based learning

DRAMA

TYPICAL OFFER

A-level: AAB – BBB

IB: 35

Overall IELTS score of 7.0 (with a minimum of 6.5 in each component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

English Literature, American Studies and Creative Writing, Music

FIND OUT MORE

www.manchester.ac.uk/drama
ug-drama@manchester.ac.uk

COURSE INFORMATION

Drama BA

3yrs, UCAS Code W400

Drama and English Literature BA

3yrs, UCAS Code WQ4H

Drama and Screen Studies BA

3yrs, UCAS Code WW46

CAREER OPPORTUNITIES

The skills acquired through a Drama degree will not only give you a deep knowledge of the field of theatre, performance and screen, but the way that drama is taught means that you will also excel at team work and in any situations where cooperative skills are required. In addition, our students tend to be strong, confident communicators with the ability to use their initiative in a variety of tasks.

A wide variety of career opportunities are open to our Drama graduates, including work in theatre, film and television, applied theatre, journalism and publishing, teaching and research, community arts and arts administration.

WHY MANCHESTER?

- Established tradition at one of the first UK universities to teach drama
- £6 million premises and resources, fully equipped studio theatre and video editing suite
- The city of Manchester has a thriving theatre culture, and a base for the BBC - among other creative digital organisations - at nearby MediaCityUK

EARTH SCIENCES

TYPICAL OFFER

A-level: AAB – ABB

IB: 35 – 33

Overall IELTS score of 6.5 (with a minimum of 6.0 in any component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Chemistry, Geography, Life Sciences, Materials Science, Environmental Science

FIND OUT MORE

www.manchester.ac.uk/seaes

ug-earth-sci@manchester.ac.uk

The earth sciences are concerned with the composition, behaviour and history of the Earth and other planets, integrating and applying different scientific disciplines to many phenomena that affect our daily lives. Earth scientists study natural hazards (earthquakes, volcanic eruptions, landslides and floods) and how to predict their occurrence; the search for new energy and mineral resources and their safe exploitation; maintaining quality water supplies; the disposal of domestic, industrial and nuclear waste; and short- and long-term climatic change.

COURSE INFORMATION

Earth Sciences MEarthSci

4yrs, UCAS code F640

Accredited by the Geological Society of London

You are able to focus on geology, environmental and resource geology, geochemistry, or planetary geology through the earlier years of the course. In Year 4, you undertake master's-level taught course units and research projects, working with staff at the cutting edge of scientific research, often leading to published scientific articles. You have the option to study abroad for one semester.

Environmental and Resource Geology BSc

3yrs, UCAS code F630

Accredited by the Geological Society of London

In addition to gaining a solid understanding of earth sciences, you will focus on exploration for earth resources and the environmental impact of their extraction, along with the safe disposal of any waste products.

Geochemistry BSc

3yrs, UCAS code F670

Accredited by the Geological Society of London

This course is ideal if you have a good background in physical sciences and are particularly interested in the chemistry of natural systems and their evolution through time. Geochemical methods are applied to a vast range of problems, from the origin of the solar system to polluted groundwater.

Geography and Geology BSc

3yrs, UCAS code FF68

This course is ideal if you have a strong interest in physical geography and geology and wish to focus on natural processes at the Earth's surface. This course is run between our School of Earth, Atmospheric and Environmental Sciences and School of Environment and Development. You may attend field courses run by both Schools.

Geography and Geology with a Year Abroad BSc

4yrs, UCAS code FF86

Geology BSc

3yrs, UCAS code F600

Accredited by the Geological Society of London

You will gain a solid grounding in all areas of earth sciences, including plate tectonics, the origin of rocks and minerals, evolution of life on Earth, earth resources, geophysics and geological mapping during this three-year degree.

Geology with Planetary Science BSc

3yrs, UCAS code F6F5

Geology with Planetary Science MEarthSci

4yrs, UCAS code F6FM

Planetary scientists study the origin and evolution of the planets and the other bodies in the solar system. They integrate ideas from diverse fields such as geosciences, physics, chemistry and astronomy to understand data from our exploration of the solar system or analysis of extraterrestrial materials.

FIELDWORK AND PLACEMENTS

Fieldwork is integral to our degrees, allowing you to apply skills learnt in lectures and laboratories to real settings. Many students undertake independent fieldwork during the summer between Years 2 and 3, travelling to places such as Spain, Ireland, or Brazil. You will also have the opportunity to gain industrial experience in areas from oil exploration to site investigation of contaminated land.

CAREER OPPORTUNITIES

Career paths for geologists and earth scientists are extremely varied. Some end up prospecting for diamonds in Suriname, working as an exploration geologist in the oil and gas sector, in water and environmental fields, or as a government geological surveyor. Around 40% of our students go on to study for further degrees and nearly 80% of our graduates surveyed are in full-time employment or further study six months after graduating (Destination of Leavers from Higher Education survey).

WHY MANCHESTER?

- One of the UK's largest centres for earth and environmental teaching
- Diverse and exciting fieldwork opportunities, subsidised by the University
- Opportunities to gain industrial experience through our strong links with industry

ECONOMIC AND SOCIAL STUDIES**TYPICAL OFFER**

A-level: AAB

IB: 35

Overall IELTS score of 6.5 (with no less than 6.0 in any component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Accounting and Finance, Business Studies and Management, Economics, Philosophy, Politics and Economics (PPE), Politics and International Relations, Social Anthropology, Sociology

FIND OUT MORE

www.manchester.ac.uk/socialsciences
socialsciences@manchester.ac.uk

Not everyone knows which areas they want to focus on when they start at university. We have therefore structured our course so that you do not have to decide which subjects you will study in most depth when you apply. Instead, you take these crucial decisions as you progress through the three years of the course.

The BA Economics and Social Studies at Manchester offers the chance to specialise in a diverse range of subjects – see the relevant pages of this prospectus for more information on the subjects:

- Accounting and Finance
- Business Studies and Management
- Law (for Criminology)
- Economics
- Philosophy
- Politics
- Social Anthropology
- Sociology

When you apply, you must use one of the course codes listed below, but this does not restrict your eventual choice of specialisation. For example, a student who originally applied for Economics may choose to combine their studies with Politics or Sociology, or specialise in Development Studies. You may also choose combinations that are not listed here. Please note: you cannot specialise in Accounting or Finance unless you apply for the appropriate course code.

COURSE INFORMATION

Accounting and Finance BA (Econ)

3yrs, UCAS code NN43

Business Studies BA (Econ)

3yrs, UCAS code N100

Business Studies and Economics BA (Econ)

3yrs, UCAS code NL11

Business Studies and Politics BA (Econ)

3yrs, UCAS code NL12

Business Studies and Sociology BA (Econ)

3yrs, UCAS code NL13

Development Studies BA (Econ)

3yrs, UCAS code L900

Economics BA (Econ)

3yrs, UCAS code L100

Economics and Finance BA (Econ)

3yrs, UCAS code LN13

Economics and Philosophy BA (SocSci)

3yrs, UCAS code LV15

Economics and Politics BA (Econ)

3yrs, UCAS code LL12

Economics and Sociology BA (Econ)

3yrs, UCAS code LL13

Finance BA (Econ)

3yrs, UCAS code N300

In Year 1 you will follow a broad programme of study that includes economics and the social sciences, quantitative methods, and options in accounting, finance and business. You can also take course units in computer applications and study skills. By the final year you will have picked one or two areas to specialise in.

In total, more than 260 course units are available, giving you remarkable choice and the opportunity to put together a programme of study that is tailored to your particular interests.

CAREER OPPORTUNITIES

Due to the number of pathways available through the course, graduates have a wide variety of career opportunities in both the private and the public sectors. Recent graduates have pursued careers in management, accounting, consultancy, journalism, media, social work, and teaching and law at organisations such as Credit Suisse, Merrill Lynch, HM Treasury and the BBC.

WHY MANCHESTER?

- Maximum flexibility and choice in your preferred areas of study, with more than 260 course units available
- Courses enhanced by researchers with 'world leading' and 'internationally excellent' reputations (RAE 2008)

ELECTRICAL, ELECTRONIC AND MECHATRONIC ENGINEERING

TYPICAL OFFER

A-level: AAB – AAA

including Maths and either Physics, Electronics or Further Maths

IB: 37 – 35

including Maths and either Physics or Further Maths at Higher level

Overall IELTS score of 6.0 (with no component less than 5.5), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Civil Engineering, Mechanical Engineering, Aerospace Engineering, Petroleum Engineering, Physics and Astronomy, Mathematics, Computer Science

FIND OUT MORE

www.manchester.ac.uk/eee

ug-eee@manchester.ac.uk

With more than 68 academic staff specialising in subjects that range from nanoelectronics to power systems, our School of Electrical and Electronic Engineering is ideally positioned to provide you with an education of the highest quality.

Our achievements are recognised in industry and we have teaching and research facilities sponsored by companies including National Grid, Rolls-Royce and National Instruments.

As well as accrediting all our undergraduate courses, the Institution of Engineering and Technology has given special commendations to many of our projects, including the overall design of our course units.

ARE YOU LOOKING FOR ELECTRICAL, ELECTRONIC AND MECHATRONIC ENGINEERING WITH A YEAR IN INDUSTRY?

Most Electrical, Electronic and Mechatronic Engineering courses can be taken with industrial experience. See the course index for UCAS codes.

COURSE INFORMATION

To ensure that we produce graduates prized by industry, we take guidance from our Industrial Advisory Group, where industry informs our School of its vision for the future and advises us on what they expect from top graduates. As a result of this collaboration, our courses have a strong practical element, using laboratory sessions and project work to bring theory to life.

The first three semesters of our courses are the same for all, allowing you to switch between them at any time up to the end of the first semester in Year 2. All of our courses can be taken with an assessed year in industry and our industrial placement courses manager will help you find a suitable placement.

Electrical and Electronic Engineering BEng
3yrs, UCAS code H600

Electrical and Electronic Engineering MEng
4yrs, UCAS code H605

The use of electricity is fundamental to modern life and, without a secure supply, society in its current form would collapse. Consequently, the importance of efficient and sustainable generation, secure distribution and intelligent user devices cannot be overstated. This will be a challenge facing the next

generation, as traditional sources of energy will run out and new ways of generating, distributing and using electricity must be sought. Electrical and electronic engineers have a vital role in addressing this challenge.

Graduates of this course will be able to contribute fully in the fields of: power systems analysis and protection; efficient and clean power generation; smart grids; renewable energy schemes; power electronics; sophisticated control systems; communications; embedded computer systems.

Electronic Engineering BEng
3yrs, UCAS code H610

Electronic Engineering MEng
4yrs, UCAS code H614

We live in an information age that requires electronics and digital signal processing systems. Technological developments in communications include concurrent processing, data networking and digital communication systems for both local distribution and across the Internet.

Modern electronics requires an understanding of fundamental analogue and digital circuits to enable the design of elements that can be connected together to make systems, which serve as the modular blocks for bigger, more complex systems.

Graduates of this course will be able to contribute fully in the fields of: microelectronics; mobile and wireless communications; smart grids; digital signal processing; systems engineering; software design; concurrent systems; embedded computer systems; networking; analogue circuits and systems.

Mechatronic Engineering BEng
3yrs, UCAS code HH36

Mechatronic Engineering MEng
4yrs, UCAS code HHH6

Mechatronics is a combination of mechanical engineering with smart electronics and software, and is vital to subjects such as industrial automation and robotics.

Graduates of this course will be able to contribute fully in the fields of: robotics; actuators; sensors and instrumentation; autonomous systems; power electronics; mechatronic analysis and design;

control; embedded computer systems; production engineering.

CAREER OPPORTUNITIES

Our graduates have excelled in a vast range of careers, including avionics, banking and commerce, biomedical electronics, sustainable energy, robotics and electric vehicles. Many have also successfully progressed to postgraduate study.

WHY MANCHESTER?

- Strong industry links that inform our course content and make our students more employable
- We are ranked second in the UK for our research quality
- Accreditation by the Institution of Engineering and Technology

ENGLISH LANGUAGE FOR EDUCATION

TYPICAL OFFER

A-level: AAB – BBB

IB: 35 – 31

Overall IELTS score of 6.5 and 6.5 in writing (with a minimum of 6.0 in each component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

English, American Studies and Creative Writing, Linguistics and English Language

FIND OUT MORE

www.manchester.ac.uk/education

charlotte.woods@manchester.ac.uk (Programme Director)

This unique undergraduate course focuses specifically on English language and its connections with education. Our deliberately limited student intake ensures a close staff-student relationship, small-group teaching and guided one-to-one supervision.

Students gain invaluable experience in a work setting via their research project. Some work in local schools and colleges; others travel the globe participating in local projects (such as building a new school for children in Ghana), or examining unusual teaching practices (for example, the use of music in New Zealand schools to engage autistic children).

English Language for Education BA

3 yrs, UCAS code X3Q1

CAREER OPPORTUNITIES

The skills developed, such as written and oral communication, team-working techniques and intercultural awareness, are useful across a variety of careers. Our graduates also demonstrate the ability and initiative that is required to design and manage a project with a high degree of autonomy, qualities that will be highly prized in any workplace.

WHY MANCHESTER?

- 100% employability rating in 2013 (DELHE)
- The small year group (about 35 students) provides a positive and supportive learning environment
- 100% student satisfaction in 2012 (NSS)

**MANCHESTER
MADE ME**

FINDING A HOME FROM HOME



Sohaib Suhail, 20

Electrical and Electronic Engineering student

Sohaib's first taste of Manchester was a home-cooked biryani dished up in Welcome Week by the Pakistan Society, where's he's now president. That, along with the food on the city's famous 'Curry Mile', is just one of the reasons he has always felt at home with us.

"I'm delighted I chose Manchester. It's really easy for international students to adjust and blend in here. You don't feel you have to leave your culture behind. There's someone here from day one talking to you about the things you want and need, and in your own language."

"I was made to feel welcome here from the start. Well, it was a great biryani! Just because of the food, I loved Manchester. It's delicious and great quality. But I also loved the environment and the people.

"I did a foundation course in London in science and engineering, but the capital was too busy for me. It's very different here. This is more of a student city and the people are warmer, less preoccupied with themselves.

"The course has been great. In the first year it was a gentle introduction to get everybody to the same level and the tutors were really helpful. I particularly like the way they use the labs. We are given our own kits to work with and it's quite diverse and practical, applying textbook knowledge to real work.

"Outside my studies I have joined lots of clubs and societies. I took up cricket and badminton and trained with the University cricket club in my first year.

"I was accepted at the leadership society AIESEC, which only recruits between 30 and 35 students each year. It promotes leadership skills and provides training in things like public speaking that will benefit you in your working life, polishing your skills.

"I also joined The Pakistan Society, where I was elected general secretary and then president – so the leadership society must have worked! We celebrate cultural and religious events and work together with many other cultures especially from the Bangladesh and India societies.

"My degree should offer me plenty of opportunities. I'd like a career in engineering, to apply all that I've learned to the real world. Every company has something electronic; they all need electronic engineers. But for now I'm glad it's a four-year course. I don't want my Manchester experience to end."

ENGINEERING WITH AN INTEGRATED FOUNDATION YEAR

TYPICAL OFFER

Students are accepted from a wide range of backgrounds. Each application is considered individually.

FIND OUT MORE

www.foundationstudies.eps.manchester.ac.uk
ug-fy-eps@manchester.ac.uk

This course is for students who want to enter one of the engineering and science degree courses listed below, but do not have the appropriate entry qualifications.

COURSE INFORMATION

On this course you will study the mathematics, physics and chemistry (where appropriate) essential for securing success in the targeted degree courses. You also study academic skills and information and communications technology (ICT), developing the transferable skills necessary for undergraduate study, and undertake a project in the discipline of your choice.

Engineering with an Integrated Foundation Year 4/5yrs, UCAS code H108

Provided you meet the progression criteria of your chosen School, successful completion of the Engineering with an Integrated Foundation Year course guarantees progression on to the first year of an appropriate degree course, chosen from:

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

ENGINEERING

ARE YOU LOOKING FOR...

Engineering?

The University of Manchester offers several types of Engineering. Find out which one is for you:

Aerospace Engineering, page 46

Chemical Engineering, page 53

Civil Engineering, page 55

Electrical, Electronic and Mechatronic Engineering, page 63

Mechanical Engineering, page 83

Petroleum Engineering, page 88

ENGLISH, AMERICAN STUDIES AND CREATIVE WRITING

TYPICAL OFFER

A-level: AAA – ABB

IB: 33 – 37

Minimum IELTS score of 7.0, or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Drama and English Literature, Linguistics and English Language, Art History and Visual Studies, and Modern Languages

FIND OUT MORE

www.manchester.ac.uk/english
ug-eac@manchester.ac.uk

In the most recent Research Assessment Exercise our department came second in the UK. Our research excellence informs our teaching and our students enjoy master classes taught by global leaders in their fields, on subjects from Shakespeare to contemporary fiction, as well as talks by world-famous writers at the Centre for New Writing, such as Jeanette Winterson (our Professor of Creative Writing), Paul Muldoon, Audrey Niffenegger and Colm Tóibín.

Our extensive University Library holdings includes renowned collections in the medieval, Victorian and American literary fields, as well as the archive material of the Manchester Poetry Centre. Several major research databases are dedicated to topics such as the African-American experience, the 19th century US press and American religion. Our English and American Studies film library is another substantial resource.

ENGLISH LITERATURE

In addition to the traditional range of English literature – from the Anglo-Saxon period to the present day – you may study American, Irish and post colonial literatures, as well as cultural theory, creative writing, gender studies and film.

Year 1: Discover the analytical, critical, and theoretical skills that you will need to study English literature at degree level, while also sampling a broad range of historical periods and genres.

Year 2: Concentrate on exploring literature in its social and historical contexts. You have the opportunity to study medieval, early modern, and 18th and 19th century literature, and to consider the role of gender, sexuality and national identity in literary studies.

Year 3: Develop your own interests by choosing from a wide range of specialist options, all taught by experts in the field. Currently we offer more than 20 options in areas ranging from medieval poetry to futuristic fictions; single author studies such as Beckett and modernity and DH Lawrence; generic course units such as British Romanticism; thematic units such as European writing and the Third Reich, and crime and law in 18th and 19th century literature; plus our offerings in postcolonial literature and creative writing. The compulsory long essay also gives you a chance to develop your own area of expertise.

AMERICAN STUDIES

Study the history, literature, film, politics and popular culture of America.

You will have the opportunity to gain a solid grounding in debates about the character, nature and role of America, and receive a broad introduction to American history, literature and culture. You will also have the opportunity to study at a North American university and gain an understanding in African-American writing, civil rights and black power movements, film and politics, American masculinities and conspiracy culture.

American Studies BA

3yrs UCAS Code T701

English Literature BA

3yrs UCAS Code Q320

English Literature and American Studies BA

3yrs UCAS Code QT37

English Literature with Creative Writing BA

3yrs UCAS Code Q3W8

History and American Studies BA

3yrs UCAS Code VT17

CAREER OPPORTUNITIES

Our graduates take up careers in journalism, accountancy, law, banking, advertising, business management, education, computing, the media and the civil service.

WHY MANCHESTER?

- Ranked 2nd out of all English and American Studies departments in the UK (RAE 2008)
- Direct access to internationally acclaimed writers and researchers
- One of only five National Research Libraries (HEFCE) (the only one in the North) and the largest collection of electronic resources in the UK

ARE YOU LOOKING FOR ENGLISH LITERATURE WITH A MODERN LANGUAGE?

See the course index for full listings and UCAS codes.

ENVIRONMENTAL SCIENCE

TYPICAL OFFER

A-level: AAB – ABB

IB: 35 – 33

Overall IELTS score of 6.5 (with a minimum 6.0 in any component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Geography, Earth Sciences, Planning and Environmental Management

FIND OUT MORE

www.manchester.ac.uk/seaes

ug-earth-sci@manchester.ac.uk

Environmental science is the study of how physical, chemical and biological processes maintain and interact with life, and how humans affect nature. As well as the natural sciences, social sciences give insights into human behaviour and how our social, political and economic institutions impact on environmental quality.

A science-based understanding of our environment is vital to ensure that human needs are met in a sustainable way, so everyone will have access to clean water, clean air, and the earth resources required for agriculture and industrial activity.

Fieldwork is integral to this degree: you will undertake integrated and exciting subsidised fieldwork in each of your three years. There are also options to take additional fieldwork courses in such places as the French Alps, Ecuador, Greece and South Africa.

COURSE INFORMATION

Environmental Science BSc

3yrs, UCAS code F850

Environmental Science BSc

4yrs, UCAS code F750 (with a Year in Industry)

Environmental Science BSc

4yrs, UCAS code F75Z (with a Year Abroad)

You will study three fundamental scientific strands – biosciences, geosciences and environmental physics – through all three years of your course. These strands are woven together by integrative course units including tutorials, field courses, and project-based learning. Course content draws on interdisciplinary research and provides regular contact with experts, including industrial and academic visitors from outside the University. We tailor our curriculum towards job prospects, using input from an industrial board of environmental employers.

CAREER OPPORTUNITIES

Environmental scientists' career paths are extremely varied. You could end up working for government agencies or private companies engaged in environmental protection, protection of water resources, assessment of air, land and water contamination, environmental impact assessment, or waste management. Ninety-five per cent of our students are in either full-time employment or further education six months after graduation (KIS data 2012). Typically, over half of our graduates continue in education, studying for higher degrees. Others have gained employment in a diverse range of areas, from government agencies, oil companies and environmental consultancy companies, to aid agencies overseas.

WHY MANCHESTER?

- One of the largest centres for earth and environmental teaching in the UK
- Diverse and exciting fieldwork opportunities, subsidised by the University
- Cutting-edge research that informs our taught courses

EUROPEAN STUDIES

TYPICAL OFFER

A-level: ABB – BBB

IB: 34 – 32

Overall IELTS score of 6.5 (minimum of 5.5 in any component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Modern Languages, Middle Eastern Studies, English, American Studies and Creative Writing

FIND OUT MORE

www.manchester.ac.uk/alc

ug.languages@manchester.ac.uk

WHY MANCHESTER?

- The chance to study languages alongside politics, history, economics, sociology and social anthropology
- Flexibility in selecting your courses and experiences, providing a solid foundation on which to build your career

FRENCH

ARE YOU LOOKING FOR...

French?

French is part of Modern Languages – find out more about Modern Languages courses on page 85.

GEOGRAPHY

TYPICAL OFFER

A-level: AAA – AAB

IB: 37 – 35

Overall IELTS score of 6.5 with 6.5 in writing (and no other components below 6) or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN

Environmental Science, Earth Sciences, Planning and Environmental Management

FIND OUT MORE

www.manchester.ac.uk/geography

seed.admissions@manchester.ac.uk

Our teaching and research interests cover most aspects of geography, while our extensive facilities include map and book libraries, audio-visual equipment, laboratories and computer clusters with networked PCs and Internet access.

COURSE INFORMATION

Geography BA

3yrs, UCAS code L700

Geography BSc

3yrs, UCAS code F802

We offer both a BA (Hons) and BSc (Hons) in Geography. Entry requirements, curriculum and career opportunities associated with each are the same. You begin with course units in three main areas: human geography, people and environment, and physical geography, and have increasing flexibility as you progress.

Course units cover diverse interests and issues in geography: economic, social, cultural, development, political, medical, urban and historical geography; ecology; hydrology; palaeo-environments; geoarchaeology; glaciology; climatology; geomorphology; remote sensing; geographical information systems and science.

Geography with International Study BA

4yrs, UCAS code LF78

Geography with International Study BSc

4yrs, UCAS code FL87

You will have the opportunity to study abroad in Year 3 at a partner university in various European countries, or in Australia, New Zealand, Canada, Hong Kong, Singapore, or the USA.

Geography (Integrated Masters) MGeog

4yrs, UCAS code F800

You will take the standard Geography course plus a specialist fourth year leading to a Master of Geography (MGeog) qualification. In Year 4, you will complete a year-long research project, choose four course units from a wide selection and take part in a seminar and study programme that teaches you to evaluate geographical research and its application in policy, professional and commercial spheres.

Geography (Integrated Masters) with Planning MGeog

4yrs, UCAS code F801

You will study Geography in Years 1 to 3 with a final year of postgraduate-level studies in Town Planning. You will gain the knowledge and skills necessary for a professional career in planning and related areas. This course is accredited by the Royal Town Planning Institute (RTPI).

CAREER OPPORTUNITIES

Surveys show that geography graduates are very employable, as they offer a range of analytical techniques, including literacy, numeracy and ICT ability, as well as skills in presentation, problem-solving and communication. Some of our graduates use geographical skills directly in their careers, such as in environmental work, regeneration, planning, or education. Many others follow a less specialist path in areas such as management, advertising, the media, social services, finance and law.

WHY MANCHESTER?

- Geography has been taught at Manchester for over 120 years
- Excellent graduate employment record
- Placed eighth in the world and sixth in the UK for geography (QS World Rankings 2013)

GERMAN**ARE YOU LOOKING FOR...****German?**

German is part of Modern Languages – find out more about Modern Languages courses on page 85.

HISTORY**TYPICAL OFFER**

A-level: ABB – AAA

IB: 37 – 33

Overall IELTS score of 7 (with a minimum of 6.5 in each component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Archaeology, Classics and Ancient History, English and American Studies, Law, Modern Languages, Philosophy

FIND OUT MORE

www.manchester.ac.uk/history
ug-hist@manchester.ac.uk

History at Manchester is taught by passionate and committed teachers at the cutting edge of their subjects, who write many of the books and articles that you will read.

Our courses take maximum advantage of the range and breadth of this expertise, offering history from ancient times in 800 BC, through medieval to modern late 20th century. We also offer course units in many different kinds of history, including political, social, economic, cultural and gender history, while the geographic areas we cover include not only Britain and Europe, but also Asia, Russia, Africa and beyond.

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

Our learning environment is an exciting one, designed to foster a wide range of study skills and research techniques.

History BA **3yrs UCAS Code V100**

Our most popular and flexible course. Choose from a diverse range of course units from history, as well as from other subject areas including the history of science, technology and medicine. You can also develop a specialism in a particular area of history, especially through extended pieces of independent coursework in Years 1 and 2, and through the final-year dissertation.

History with Integrated Master's MHist **4yrs UCAS Code V101**

A four-year advanced degree course which is currently unique among English universities. After following the three-year undergraduate History course, you receive specialist research training while undertaking advanced master's-level course units in Year 4.

Modern History with Economics BA **3yrs UCAS Code V136**

Concentrate on the economic, political and social development of societies since 1500. Key subjects are the political history of Europe, the impact of industrialisation, social change and the rise of globalisation. A flexible degree programme, you can choose from a number of course units in Economics. Your final-year dissertation is a major study involving independent research.

History and Sociology BA **3yrs UCAS Code VL13**

Cover past and present societies from both historical and sociological perspectives, comparing and contrasting these different ways of studying humanity. This highly flexible course offers topics relating to a wide historical and geographical range of societies and cultures. You are trained in quantitative and qualitative research methods. You may write a final-year dissertation in either subject.

Politics and Modern History BA **3yrs UCAS Code VL12**

One of the best-established courses of its kind in the country. Study the historical development of the modern world, its political systems and its political thought. Year 1 involves broad course units in history, comparative politics and political theory, while Year 2 develops your understanding of a range of distinctive approaches to the two subjects, including course units on the politics and the history of diverse parts of the world. In Year 3, you choose specialised units at the cutting edge of historical and political research and write a dissertation in either subject.

ARE YOU LOOKING FOR HISTORY WITH A MODERN LANGUAGE?

History can be taken with a modern language. See the course index for UCAS codes. Information on Modern Languages can be found on page 85.

CAREER OPPORTUNITIES

The skills acquired as a historian are particularly desirable to employers. Our graduates find work in areas related to their particular degree, or across a wide and diverse range of careers. The ability to manage and analyse diverse data and the literacy and communication skills gained are valued highly in the job market.

Recent history graduates have entered careers in law, accountancy, banking, popular music, journalism and broadcasting, the civil service, management, property development, trade unions and professional associations, social work, teaching and voluntary organisations, the armed services and the police.

WHY MANCHESTER?

- One of the largest concentrations of history experts in the country, offering a wide variety of course units
- Library facilities among the very best in the country with vast archives of historical material, including rare volumes
- Commitment to excellence in teaching, including the pioneering use of online resources to enhance your learning

INTERNATIONAL RELATIONS

ARE YOU LOOKING FOR...

International Relations?

Politics and International Relations are taught together at Manchester. Find out more about Politics and International Relations on page 95.

ITALIAN

ARE YOU LOOKING FOR...

Italian?

Italian is part of Modern Languages – find out more about Modern Languages courses on page 85.

JAPANESE

ARE YOU LOOKING FOR...

Japanese?

Japanese is part of Modern Languages – find out more about Modern Languages courses on page 85.

LAW

TYPICAL OFFER

Law LLB

A-level: AAA

IB: 37

(6, 6, 6 at Higher Level)

Overall IELTS score of 7.0 (with a minimum of 6.5 in each component), or recognised equivalent

Law with Criminology LLB

Law with Politics LLB

A-Level: AAB

IB: 35

(6, 6, 5 at Higher Level)

Overall IELTS score of 7.0 (with a minimum of 6.5 in each component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

History, Politics and International Relations, Philosophy, Social Anthropology, Sociology

FIND OUT MORE

www.manchester.ac.uk/law

ug-law@manchester.ac.uk

LAW

Manchester School of Law is a research-led teaching centre, where courses are delivered by academics engaged in world-leading research.

Our School has a full-time staff of more than 70 academics, including lawyers, criminologists and ethicists. Staff members also run several award-winning Legal Advice Centres, which offer you practical experience of 'real life' cases and pro bono work. We have excellent and long-standing links with the law profession and other employers.

Law LLB

3yrs, UCAS code M100

The LLB is the largest undergraduate degree course that we offer. It covers the basic subjects of legal study, while also providing a diverse choice of optional units

to suit particular interests and career plans. It is a Qualifying Law Degree and thus provides exemption from the Graduate Diploma in Law, which is otherwise required if you wish to become a barrister or solicitor in England and Wales.

Law with Criminology LLB 3yrs, UCAS code M1M9

The LLB Law with Criminology is a Qualifying Law Degree (QLD). Manchester is one of the few Law Schools in the UK to integrate research and teaching in Criminology. You will study the QLD subjects, but will also follow a structured programme in criminology.

Law with Politics LLB 3yrs, UCAS code LM21

The LLB Law with Politics is a Qualifying Law Degree (QLD). The programme builds on the many links between the two sister disciplines of politics and law.

CAREER OPPORTUNITIES

We have very strong links with the legal profession in the UK and abroad, and our graduates are highly regarded. Each year our students secure training contracts and pupillages with the most prestigious regional, national and international law firms and barristers' chambers. Every graduate has a guaranteed place to study on the Legal Practice Course with one of three major course providers, if they achieve a minimum 2:2 degree.

Careers advice is available from a dedicated careers advisor for law. Our Law School and the University's careers service have also developed a dedicated careers education programme: Getting into the Legal Profession (GILP). Each year, as part of this programme, we run a series of employability workshops, delivered by an in-house team, practitioners from local and city law firms, and the careers service. Students also gain advice on non-law careers as an extension of the GILP programme.

CRIMINOLOGY

TYPICAL OFFER

A-level: ABB
IB: 33
(6, 5, 5 at Higher Level)

Overall IELTS score of 7.0 (with a minimum of 6.5 in each component), or recognised equivalent

Criminology BA 3yrs, UCAS code M901

The BA Criminology offers an excellent opportunity to study crime, criminality and the criminal justice system, including the measurement and definition of crime, its causes and effects, and the reactions to it. With a broad range of options, you can choose to study specific areas of interest, such as organised crime, youth justice and drug use.

CAREER OPPORTUNITIES

The intellectual rigour of our course provides you with the depth of knowledge and skills required for developing your career prospects and for pursuing further study and research. With our dedicated careers course unit and links into related professions, we provide opportunities to gain a practical insight into a range of different careers, and fully prepare you for graduate employment. Our graduates have gone on to careers in the criminal justice system, local government, public services, social welfare, and the voluntary sector.

WHY MANCHESTER?

- Long-standing reputation as a distinguished centre of research and teaching, dating from 1872
- Legal Advice Centres, offering hands-on experience of pro-bono work
- One of only a few UK Law Schools to integrate teaching and research in Criminology

LIFE SCIENCES

TYPICAL OFFER

A-level: AAA – ABB

IB: 37 – 33

Overall IELTS score of 6.5 (with no component less than 6.5), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Environmental Sciences, Chemistry, Pharmacy, Psychology

FIND OUT MORE

www.manchester.ac.uk/lifesciences

ug.lifesciences@manchester.ac.uk

Life sciences include the most dynamic and groundbreaking sciences. We are continually gaining a deeper understanding of the actions and interactions of genes, molecules, cells, systems, individuals and populations. This knowledge underpins everything from developing new drugs and therapies, to generating new sources of fuel and engineering higher yielding crops.

Choice and flexibility are the hallmarks of our courses. The breadth of our research means that we have expertise in a wide range of areas, allowing us to offer courses in more than 20 life science disciplines. All first-year courses have a common core of units introducing fundamental concepts. This means you can transfer between most courses at the end of Year 1 and, in some cases, later. If your interests include subjects outside life sciences, we offer courses with a language, or you can choose optional units from the entire range offered by the University, including law, modern languages and business studies and management.

COURSE INFORMATION

As well as lectures and laboratory work, important features of our courses are the small-group seminars and tutorial teaching on topics relevant to each subject area, which develop oral and written communication, IT skills, team-working and problem-solving skills. A key transferable skill required of a life scientist is the ability to work with others, so teamwork is an integral part of all courses from the outset.

The final year focuses on our research activities and you take advanced units from a generous choice of options. You will also undertake a research project, allowing you to come into close contact with postgraduates and researchers, giving you first-hand experience of the demands and rewards of original research.

Anatomical Sciences BSc

3yrs, UCAS code B110

Biochemistry BSc

3yrs, UCAS code C700

Biology BSc

3yrs, UCAS code C100

Biology with Science and Society BSc

3yrs, UCAS code C1V3

Biomedical Sciences BSc

3yrs, UCAS code B940

Biotechnology BSc

3yrs, UCAS code C560

Cell Biology BSc

3yrs, UCAS code C130

Developmental Biology BSc

3yrs, UCAS code C141

Genetics BSc

3yrs, UCAS code C400

Life Sciences BSc

3yrs, UCAS code C102

Medical Biochemistry BSc

3yrs, UCAS code C724

Microbiology BSc

3yrs, UCAS code C500

Molecular Biology BSc

3yrs, UCAS code C720

Pharmacology BSc

3yrs, UCAS code B210

Pharmacology and Physiology BSc

3yrs, UCAS code BB12

Physiology BSc
3yrs, UCAS code B120

Plant Science BSc
3yrs, UCAS code C200

Zoology BSc
3yrs, UCAS code C300

NEUROSCIENCE COURSES

Cognitive Neuroscience and Psychology BSc
3yrs, UCAS code BC18

Neuroscience BSc
3yrs, UCAS code B140

Neuroscience MNeuroSci
4yrs, UCAS code B141

WANT TO STUDY ABROAD?

Most courses also offer opportunities for study abroad in another university in Europe, the USA, Canada, Hong Kong, Singapore, or Australia for one semester in Year 2.

ARE YOU LOOKING FOR LIFE SCIENCES WITH A MODERN LANGUAGE?

Most Life Sciences courses can be taken with a modern language. See the course index for UCAS codes. Information on Modern Languages can be found on page 85.

When you study courses in life science with a modern language, you will undertake research at a university in a country where your chosen language of study is spoken.

ARE YOU LOOKING FOR LIFE SCIENCES WITH A YEAR IN INDUSTRY?

Most Life Sciences courses can be taken with professional/industrial experience. See the course index for UCAS codes.

When you study a course in life sciences with industrial/professional experience, you will undertake one of a wide range of placements at over 200 partner organisations in North America, Africa, Asia, Australia and many European countries, as well as throughout

the UK. Students work in pharmaceutical companies, industrial and international research institutes, education, hospitals, biotechnology start-ups, technology transfer companies, and science communication organisations, media offices and museums.

CAREERS OPPORTUNITIES

Life Sciences employment prospects are excellent. In the last few years, companies and organisations that regularly recruit large numbers of graduates have rated Manchester students among the most employable in the country.

On graduation, around 50% of our students choose to pursue a career closely related to their Life Sciences degree. Many progress on to study for further qualifications, such as an MSc, MRes, or PhD. Other recent graduates have found work in the pharmaceutical and agrochemical industries, medical technology, research institutes and government agencies. The remaining 50% of graduates are highly sought after by the large multinational organisations and use their transferable skills to enter careers in management, accountancy, marketing, law, publishing and more.

WHY MANCHESTER?

- One of the best life sciences faculties in Europe for teaching and research quality with 95% of our research classified as internationally significant (RAE 2008)
- Expertise in many areas of life sciences, ranging from molecules to cells, plants to animals, biomedical to population studies
- Addressing research challenges of global significance, including exploring the cellular processes that lead to the development of cancer, and developing environmentally sustainable biofuels to replace fossil fuels

LIFE SCIENCES WITH A FOUNDATION YEAR*

TYPICAL OFFER

We accept students from a wide range of backgrounds and each application is considered individually. Candidates should apply through UCAS.

FIND OUT MORE

www.manchester.ac.uk/lifesciences
ug.lifesciences@manchester.ac.uk

This course is for students who want to enter one of the degree courses offered by our Faculty of Life Sciences, but do not have the appropriate entry qualifications.

Our foundation year provides the necessary academic background in biology, chemistry and mathematics to prepare you for study on any of our BSc (Hons) courses. We offer courses in more than 20 life sciences subjects and successful completion of the foundation year allows you direct entry into any of these courses.

WHERE STUDY TAKES PLACE

Most of our courses are taught by the experienced staff of Xaverian College, about 1km south of the University. Students also spend time on our University campus most weeks, undertaking a complementary series of tutorials, seminars and laboratory exercises. Foundation-year students are full members of The University of Manchester and guaranteed access to all our undergraduate facilities, activities and services outlined in this prospectus.

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

* In Years 2 and 3, you take course units in areas that build on this foundation.

WHY MANCHESTER?

- Courses designed to maximise achievement and fully prepare you for degree study in the life sciences
- Innovative teaching techniques, state-of-the-art facilities and tutors who are leading experts from across the breadth of the life sciences
- One of the best life science faculties in the country for both teaching and research quality

LINGUISTICS AND ENGLISH LANGUAGE

TYPICAL OFFER

A-level: AAB – BBB

IB: 35 – 32

Overall IELTS score of 6.5 (with a minimum of 5.5 in each component), or recognised equivalent

Where Linguistics and English Language is combined with other subjects, there may be additional entry requirements.

YOU MIGHT ALSO BE INTERESTED IN...

Classics and Ancient History, English Literature and American Studies, Modern Languages

FIND OUT MORE

www.manchester.ac.uk/alc
ug.languages@manchester.ac.uk

Linguistics is concerned with language and how it works. A linguist looks at the many languages of the world and the numerous ways in which we use language, asking such questions as: how do languages resemble one another, and how do they differ? How does a young child first learn to use language? How does a language such as English change over time?

The questions we ask, and the theories and methods we use in looking for answers, are not only close to aspects of philosophy, psychology and sociology, but also relevant for the study of foreign languages and understanding literature.

COURSE INFORMATION

English Language BA 3yrs UCAS code Q1Q3

Study the English language, its structure, history, varieties and dialects, and how we acquire and use it. In Year 1, you study background material on the development of English, and learn the basic skills required in order to understand and describe the main components of the English language, including sounds, grammar, semantics and basic study and research skills. In Years 2 and 3, you take course units in these areas that build on this foundation. Choose from a wide range of optional course units in Years 1, 2 and 3, including a dissertation. You can also take free choice options in other subjects, including a foreign language.

Linguistics BA 3yrs UCAS Code Q100

Focus on the study of language and ways of understanding and describing the structure, history and social aspects of languages. Discover the basic analytical skills for the main components of language in Year 1: sounds, grammar, semantics, and basic study and research skills. In Years 2 and 3, you may choose from a wide range of course units which allow you to specialise in various areas of linguistics (such as phonetics, syntax, sociolinguistics, typology), and individual language families. You may also take free-choice options from across the Faculty of Humanities, including a foreign language.

WANT TO STUDY ABROAD?

We offer opportunities to study abroad for one semester in Year 2.

We have Erasmus exchange arrangements with the universities of Paderborn in Germany and Vigo in Spain, and we also have many partner universities worldwide where you can study abroad.

Visit
www.manchester.ac.uk/undergraduate/studyabroad

ARE YOU LOOKING FOR ENGLISH LANGUAGE WITH A MODERN LANGUAGE?

See the course index for full listings and UCAS codes.

CAREER OPPORTUNITIES

The communication and analytical skills developed during our courses are valued by a huge range of employers, and our graduates have followed a diverse range of career paths, such as teaching, journalism, speech therapy, consulting and academia.

WHY MANCHESTER?

- Distinguished record of research that informs our course content, with expert staff covering the major areas of linguistics and English language
- Excellent resources, including a phonetics laboratory with computing facilities for speech analysis, and extensive library collections of linguistics books and periodicals

MANAGEMENT

ARE YOU LOOKING FOR... Management?

You can find out more about our Management courses under Business Studies and Management on page 50.

MANAGEMENT AND LEISURE

TYPICAL OFFER

A-level: ABB – BBB

IB: 34 – 31

Overall IELTS score of 6.5 with 6.5 in writing (and no other component below 6), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Business and Management

FIND OUT MORE

www.manchester.ac.uk/education

ug-mie-admissions@manchester.ac.uk

Management and Leisure BA

3 yrs, UCAS code N870

CAREER OPPORTUNITIES

A broad range of career opportunities await graduates within the leisure sector, including the arts, sports and recreation, travel and tourism and events management. The most recent statistics show that 85% of our graduates were either in work or in further study six months after completing their course.

WHY MANCHESTER?

- A combination of academic study and practical experience gives our students a head start when it comes to job applications
- Opportunities are available for you to specialise in a subject area of your own choice for independent research work

MATERIALS SCIENCE

TYPICAL OFFER

A-level: AAA – AAB

IB: 37 – 35

Overall IELTS score of 6.0 (with no component below 5.5), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Chemistry, Physics, Chemical Engineering, Electrical, Electronic and Mechatronic Engineering, Aerospace Engineering, Petroleum Engineering, Computer Science, Engineering with an Integrated Foundation Year, Science with an Integrated Foundation Year

FIND OUT MORE

www.manchester.ac.uk/materials
ug-materials@manchester.ac.uk

Materials science is an exciting and rapidly expanding field, with excellent employment prospects in a wide range of careers. At Manchester, you will benefit from internationally renowned teaching conducted by experts in the field and outstanding teaching facilities, all backed with strong industry links.

Our courses are designed with flexibility, so you can make an informed choice of which pathway suits you best. You can choose options to specialise in topics such as metals, polymers, biomaterials, textiles, and corrosion science. All our four-year MEng courses include a major (six-month) research project, giving you in-depth experience of using cutting-edge research facilities, along with the option to take a half-year placement in industry.

COURSE INFORMATION

Materials Science and Engineering BSc

3yrs, UCAS code J500

The three-year BSc course provides the fundamentals of materials science and engineering, with opportunities for specialisation in the final year.

Materials Science and Engineering MEng

4yrs, UCAS code J501

This four-year MEng is our most flexible course, allowing you to choose options in Years 3 and 4 closely aligned to your particular interests. In addition to giving you a strong technical foundation, this course is designed to equip you with the transferrable skills required by industry. It also equips you for postgraduate-level study and research.

Materials Science and Engineering with Biomaterials MEng

4yrs, UCAS code F201

This course allows you to select from a broad range of options in Years 3 and 4 specifically tailored to meet the needs of the biomaterials sector, giving you an in-depth understanding of biomaterials and their interactions with the body from a cellular level upwards.

Materials Science and Engineering with Polymers MEng

4yrs, UCAS code F204

Polymeric materials find a huge range of applications, from traditional commodity plastics to specialist polymers used increasingly in the pharmaceutical, electronic, and nanotechnology sectors. This course provides specialist options covering the production, processing and applications of polymeric materials and is taught by research specialists in the field.

Materials Science and Engineering with Metallurgy MEng 4yrs, UCAS code F200

This pathway is for students who wish to become specialist metallurgists, and includes new developments in advanced alloys for applications such as fuel-efficient jet engines, next generation nuclear reactors and environmentally friendly transportation. As the largest metallurgy research group in the UK, we have subject experts in all classes of metal to support you during your research project.

Materials Science and Engineering with Corrosion MEng 4yrs, UCAS code F203

Taught by the experts in this field, this course will enable you to develop the specialist skills in corrosion control sought by a wide range of industry sectors, including oil and gas, aerospace, and energy generation.

Materials Science and Engineering with Textile Technology MEng 4yrs, UCAS code F205

This unique course combines the traditional science and technology aspects of textiles with exciting and innovative applications in smart textiles, sportswear, aerospace and automotive materials, and biomedical implants.

CAREER OPPORTUNITIES

Materials Science graduates are highly sought after by employers, and all of our graduates either find employment in industry or go on to higher level study at the end of their degree. Careers include research and development, management positions, and technical roles within both large multinationals and smaller businesses. Companies our recent graduates have gone on to work for include Rolls Royce, BP, Airbus, Jaguar Landrover, 3M, Tata, Smith and Nephew, and DePuy. The opportunities we offer for industrial placement or vacation work gives you the chance to focus your career choice and explore your options. A Materials Science degree also provides an ideal springboard for postgraduate study, and approximately one-third of our graduates follow this route.

WHY MANCHESTER?

- World-leading facilities including an extensive range of well-equipped laboratories and advanced research equipment
- All courses accredited by IOM3, fulfilling the academic requirement for the award of chartered engineer (CEng) status
- One of the largest and most diverse university materials activities in the world, bringing together excellence in teaching and research

MATHEMATICS

TYPICAL OFFER

A-level: A*AA – AAA

IB: 37

Overall IELTS score of at least 6.0 or 6.5 depending on degree course (including a writing score of at least 6.0 and no other component less than 5.5), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Computer Science, Physics and Astronomy, Economics, Finance and Accounting, Electrical, Electronic and Mechatronic Engineering, Mechanical Engineering

FIND OUT MORE

www.manchester.ac.uk/maths

ug-maths@manchester.ac.uk

Our staff are involved in high-quality research, including projects in pure mathematics, logic, applied mathematics, numerical analysis, probability and statistics. The breadth and excellence of our research is reflected in the very wide range of higher-level course units we offer in the later years of our undergraduate degrees.

COURSE INFORMATION

You can choose to study our degrees as either a three-year BSc or a four-year MMath. The BSc provides a good all-round mathematical knowledge, plus the experience of more specialised results, methods and ideas. Our MMath adds sufficient depth to prepare you for postgraduate studies, mathematical research, or work as a specialist mathematician in industry, business, or higher education.

Mathematics BSc

3yrs, UCAS code G100

Mathematics MMath

4yrs, UCAS code G104

This course is ideal for the mathematically gifted who want to keep their options open. You can study other subjects, such as accounting, economics, a science, a language, music, politics, or psychology. The flexibility

of our course means our students graduate with finely honed skills in their preferred areas.

Mathematics and Statistics BSc

3yrs, UCAS code GGC3

Mathematics and Statistics MMath

4yrs, UCAS code GG13

Accredited by the Royal Statistical Society

This course is ideal if you expect to use statistics in your professional work as you develop the capacity to formulate and analyse problems and interpret scientific evidence using appropriate statistical methodology.

Mathematics with Financial Mathematics BSc

3yrs, UCAS code G1NH

Mathematics with Financial Mathematics MMath

4yrs, UCAS code G1NJ

This course is for students interested in learning about recent applications of mathematics in the financial sector. You will acquire a working knowledge of models, as well as procedures and modern financial mathematics applied in banks, broker companies, insurance and the financial departments of national and international companies.

Actuarial Sciences and Mathematics BSc

3yrs, UCAS code NG31

Accredited by the Institute and Faculty of Actuaries

ARE YOU LOOKING FOR A JOINT COURSE?

Mathematics offers several joint courses. See the course index for all listings and UCAS codes.

CAREER OPPORTUNITIES

A mathematics degree is excellent preparation for any career requiring people who can think clearly and logically. Popular areas of employment are finance, computing (including operational research), statistics, teaching (schools and colleges), administration and postgraduate study.

WHY MANCHESTER?

- One of the largest, most respected schools of mathematics in the UK
- Purpose-built building with excellent facilities

MECHANICAL ENGINEERING

TYPICAL OFFER

A-level: AAA – AAB

IB: 37 – 35

Overall IELTS score of 6.0 (with no component less than 5.5), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Civil Engineering, Electrical, Electronic and Mechatronic Engineering, Aerospace Engineering, Physics and Astronomy, Mathematics, Computer Science, Engineering and Science with an Integrated Foundation Year

FIND OUT MORE

www.mace.manchester.ac.uk

ug-mace@manchester.ac.uk

The forerunner to The University of Manchester and one of the pioneers in engineering education and research, the Mechanics Institute, was founded by Sir William Fairbairn in 1824. The term 'Reynolds Number' recognises the fundamental work in fluid flow that was undertaken by our first professor, Osborne Reynolds, who was appointed in 1868.

Today all our engineering courses have a strong base of engineering science, while giving you a practical grounding and knowledge of the environment that you will work in as a professional engineer. Our members of staff are actively involved in research, and so our teaching reflects state-of-the-art technology, giving access to expertise in a wide range of engineering disciplines.

High levels of staff contact and high-quality resources ensure our students have a challenging and rewarding experience.

All our Mechanical Engineering degrees are professionally accredited by the Institution of Mechanical Engineers.

COURSE INFORMATION

Mechanical Engineering BEng

3yrs, UCAS code H300

Mechanical Engineering MEng

4yrs, UCAS code H303

In Years 1 and 2 you will gain basic engineering knowledge and skills and, subject to satisfactory performance, you may transfer from the BEng to an MEng course at the end of Year 2. In Year 3 of the BEng the focus is on individual work, including a major individual investigative project.

In Years 3 and 4 of the MEng you will select subjects from a range of options to suit your needs and career aspirations, combined with substantial individual and group projects.

Mechanical Engineering with Management BEng

3yrs, UCAS code H3N1

Mechanical Engineering with Management MEng

4yrs, UCAS code H3ND

Run jointly with Manchester Business School

You will study mechanical and manufacturing engineering, alongside industrial organisation, financial reporting and management of people and systems. Mechanical engineering projects must be planned, costed and managed, and products must be designed, manufactured and marketed in the real world, therefore requiring an engineer to possess skills in management, decision-making and finance.

ARE YOU LOOKING FOR MECHANICAL ENGINEERING WITH A YEAR IN INDUSTRY?

Mechanical Engineering courses can be taken with industrial experience. See the course index for UCAS codes.

CAREER OPPORTUNITIES

Professional mechanical engineers are in high demand and can work in a wide range of industries: aerospace, automobile, building services, construction, electronics, manufacturing and the process industries. Mechanical engineers also find employment opportunities in other branches of engineering, where their skills can play important roles.

By gaining highly developed transferable skills, such as simulation, problem-solving, design, management and modelling, a significant proportion of our graduates follow alternative careers in high-level technology. They are also increasingly sought after for positions in the business, management and financial sectors.

WHY MANCHESTER?

- Long, distinguished history in engineering education and research – Manchester was the first English university to offer an engineering degree
- Extensive engineering industry links, enhancing both undergraduate teaching and ground-breaking research
- Professional accreditation by relevant UK institutions

MECHATRONICS

ARE YOU LOOKING FOR...

Mechatronics?

Mechatronics is taught as part of our Electrical, Electronic and Mechatronic Engineering course. Find out more on page 63.

MEDICINE

TYPICAL OFFER

Due to the detailed nature of entry requirements for Medicine courses, we are unable to include a typical offer in the prospectus. For complete and up-to-date information on our entry requirements, visit our website: www.manchester.ac.uk/mms

FIND OUT MORE

www.manchester.ac.uk/mms
ug-medicine@manchester.ac.uk

COURSE INFORMATION

Medicine MBChB

5yrs, UCAS code A106

The MBChB Medicine is designed to produce excellent doctors who are well-prepared for a career in the fast-paced and ever-evolving world of professional medicine.

A wide variety of teaching and learning methods are used, but the key Manchester approach is the study of clinical cases in small groups. This is supported throughout the course by lectures, practical classes (including anatomy dissection) and clinical experience.

You will learn from experts with an international reputation for excellence in science, clinical practice, teaching and research. The course integrates science and clinical learning, so you are able to apply scientific knowledge and concepts to your clinical practice.

CAREER OPPORTUNITIES

Graduates of the MBChB Medicine meet the core requirements for junior doctors, and successful completion entitles you to apply for provisional registration with the UK's General Medical Council and apply for Foundation Year 1 posts.

WHY MANCHESTER?

- Clinical experience throughout the course and the flexibility to create a bespoke education
- Links with the Manchester Academic Health Sciences Centre, carrying out world-leading research within the Faculty and National Health Service partners
- Clinical case-based learning in small groups and whole-body cadavers used in anatomy

MIDDLE EASTERN STUDIES

TYPICAL OFFER

A-level: ABB – BBC (depending on course)

IB: 35 – 29

Overall IELTS score of 6.5 (with a minimum of 5.5 in each component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Languages, Linguistics and English, Classics and Ancient History, Social Anthropology, Religions and Theology

FIND OUT MORE

www.manchester.ac.uk/alc

ug.languages@manchester.ac.uk

COURSE INFORMATION

Arabic Studies BA

4yrs UCAS Code T624

Hebrew and Israel Studies BA

4yrs UCAS Code Q4T6

Middle Eastern Languages BA

4 years UCAS Code T608

Enables you to achieve proficiency in either Arabic, Hebrew, Turkish, or Persian.

A Middle Eastern Language and a Modern Language BA

4yrs UCAS Code TR69

Modern Middle Eastern History BA

3yrs UCAS Code V140

Middle Eastern Studies BA

3yrs UCAS Code T601

CAREER OPPORTUNITIES

Our graduates develop skills that are valuable for many occupations, including teaching, journalism, publishing, legal, personnel and public sector professions, the civil service, private business (especially oil, retail, tourism, and real estate), and many others.

WHY MANCHESTER?

- More than a century's experience in studying the Middle East
- Focus on the present-day Middle East and the historical roots of its current upheavals
- Based in a multicultural city with Middle Eastern communities

MODERN LANGUAGES

TYPICAL OFFER

A-level: AAA – BBC

IB: 37 – 29

Overall IELTS score of 6.5 (with a minimum of 5.5 in each component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Linguistics and English Language, Classics and Ancient History, European Studies, Middle Eastern Studies

FIND OUT MORE

www.manchester.ac.uk/alc

ug.languages@manchester.ac.uk

Our modern language provision includes Japanese, Chinese, French, German, Italian, Russian, Spanish, Portuguese, Arabic, Hebrew, Persian and Turkish to degree level, as well as instruction in Catalan, Polish and Dutch. Our Language Centre also offers courses in English language and in many other foreign languages for students at the University.

MANCHESTER
MADE ME

**PUSHING FOR
HONOURS, GOING
FOR GOLD**



“It is a very international campus. In class you see people from places like Mauritius, China, Hong Kong and Malaysia. Students have a great opportunity to see the world for what it is and to be exposed to the different cultures.”

Scott Wong

Medicine student and international athlete

Representing Singapore in international athletics, Scott knows what it takes to be among the best. Studying at Manchester brought a different challenge – but Scott has not had to cope on his own.

“I represent my country in weightlifting – I am going to the Commonwealth Games held in Glasgow. I came here expecting to have trouble juggling sport and studies. But we have a very good support system of academic advisors, in case you have trouble with your studies. On top of that I receive a sport scholarship, which helps me manage my training timetable and find a balance with my studies – as well as providing funding.

“When I first came here, I thought Medicine would be a very academic degree. I thought we would have to learn about endless amounts of diseases. But Manchester Medical School focuses on problem-based learning and the communication aspect. There is a lot of contact time in the hospitals. And, increasingly, we are taught how to communicate with patients and you interact with real-life cancer patients.

“My proudest achievement is the fact that I have been able to maintain honours at most of my exams. While doing that, I have still been able to compete at quite a good level. I have got two bronzes at the British Universities Championships and this year I am aiming for the gold.”

You can explore a wide range of subjects relating to these languages and the countries where they are spoken. Besides linguistic and area studies expertise, you will acquire essential skills in IT, analysis, communication, team-working and time management.

COURSE INFORMATION

Chinese Studies BA

4yrs UCAS Code T100

French Studies BA

4yrs UCAS Code R110

German Studies BA

4yrs UCAS Code VR12

Italian Studies BA

4yrs UCAS Code R300

Japanese Studies BA

4yrs UCAS Code T200

Russian Studies BA

4yrs UCAS Code R700

Spanish, Portuguese and Latin American Studies BA

4yrs UCAS Code RR45

You may also study any combination of two modern language courses in a joint honours degree. See course index for full listings of joint honours degrees.

CAREER OPPORTUNITIES

Employers value high-level language skills, even where jobs do not directly require foreign languages. The expertise and diverse skills our students acquire during their studies open up many career paths with an international dimension. Our graduates have pursued careers in journalism, broadcasting, IT, marketing, law, finance, project management, energy and publishing. They have also opted for postgraduate study, for a professional or vocational qualification (such as a PGCE), or for a postgraduate degree.

ARE YOU LOOKING FOR A JOINT DEGREE?

Modern Languages offers many joint courses. See the course index for all listings and UCAS codes.

WHY MANCHESTER?

- Modern language provision among the broadest and most diverse in the UK, with varied, flexible courses
- Training in the contemporary spoken and written language, as well as exposure to regional dialects, conducted largely by native speakers
- Close links with representative institutions of French, Spanish, German, Italian, Chinese and Japanese in the Manchester area

MUSIC

TYPICAL OFFER

A-level: AAB (Joint course with RNCM AAA)

IB: 36 – 35 (students will also need Associated Board (or equivalent examinations) Grade 8, preferably at Distinction, on an instrument/voice)

Minimum IELTS score of 7.0, or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Drama, English, American Studies, Creative Writing

FIND OUT MORE

www.manchester.ac.uk/music
ug-music@manchester.ac.uk

COURSE INFORMATION

Music MusB,

3yrs UCAS Code W302

Music and Drama BA,

3yrs UCAS Code WW34

MusB and PgDip RNCM,

4 yrs CUKAS Code 399F

Joint course with the RNCM – applications via www.cukas.ac.uk

WHY MANCHESTER?

- Currently ranked as the number one music department in the UK (Sunday Times University Guide 2014)
- Instrumental teachers drawn from the city's three professional orchestras, sharing many with the Royal Northern College of Music (RNCM)
- Music at Manchester is housed in one of Manchester's premiere concert venues: an £8 million purpose-built building with a state-of-the-art 350-seat concert hall and £2 million computer-music research studios

CAREER OPPORTUNITIES

A Music degree from Manchester provides excellent training for a host of careers, both within and beyond the music profession. Our graduates include some of the country's leading new performers, composers, conductors and music scholars. But a degree in Music does not limit you to the field of music – employers know that our graduates are dedicated, creative, versatile, highly organised individuals who are excellent team players and sophisticated communicators. Our graduates' careers include jobs as diverse as accountancy, law, teaching, journalism, broadcasting, publishing and the military.

NEUROSCIENCE

ARE YOU LOOKING FOR...

Neuroscience?

Neuroscience is one of our Life Sciences courses. Find out more about Life Sciences on page 76.

NURSING AND MIDWIFERY

The University is currently unable to accept applications from international students for Nursing and Midwifery undergraduate courses, due to restrictions from the National Health Service (NHS). We are therefore only able to consider applications from students that qualify for home fee status.

FIND OUT MORE

www.manchester.ac.uk/nursing
ug.nursing.bnurs@manchester.ac.uk
ug.midwifery@manchester.ac.uk

OPTOMETRY

TYPICAL OFFER

A-level: AAB
IB: 35
Overall IELTS score of 6.5 (with not less than 6.5 in any component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Life Sciences, Neuroscience, Pharmacy

FIND OUT MORE

www.manchester.ac.uk/lifesciences
ug.lifesciences@manchester.ac.uk

Manchester is a historically important centre for optometry. The British Optical Association was founded here in 1964, and we were the first UK university to introduce a course leading to a BSc in Ophthalmic Optics, now more commonly known as Optometry.

Optometry moved into brand-new, purpose-built facilities at the heart of the biomedical section of our campus in 2011. The Carys Bannister Building includes a dispensary, 16 bespoke optometric examination rooms for Year 3 clinics, numerous specialist clinic rooms and dedicated laboratories for non-clinical practical sessions.

Our research interests include most aspects of visual science, from the interaction of contact lenses with the ocular surface, to the processing of retinal images in the brain – all of which support student learning. Eurolens Research, the European Centre for Contact Lens Research, is also based here. Our research has a global impact – the MPOD instrument, which is used around the world to assess macular pigment as a sign of macular degeneration, was developed by our optometry staff.

COURSE INFORMATION

Optometry BSc

3yrs, UCAS code B510

In Year 1 you will discover the scientific principles that underpin optometry, including the properties of light, the anatomy of the eye and processing vision in the brain. In Year 2 you will further develop your knowledge of ophthalmic appliances and optometric instrumentation, discovering a broad range of new topics, including human disease processes, pharmacology, contact lens practice and binocular vision. In addition, clinical skills are developed so that by the end of the year, under supervision, you will have the competence and confidence to examine members of the public.

During the summer vacation, you spend a week at the Manchester Royal Eye Hospital and gain a wealth of practical clinical experience in all hospital departments. This is a unique element of our course and is not offered by any other UK university.

If you wish to proceed to the MOptom at the end of Year 2 (and you are selected, based on good academic performance and communication skills), you embark on the final two years, which include a year of practical experience, plus an advanced project and lecture courses.

Otherwise, you take Year 3 of the BSc, including further comprehensive clinical practice, hospital clinics and a dissertation.

CAREER OPPORTUNITIES

Optometry is a vocational course with excellent career prospects. Many graduates enjoy the business challenge of establishing and running their own optometric practices. Some optometrists choose to work in the Hospital Eye Service, or they prefer to teach or undertake research in industry or academia.

WHY MANCHESTER?

- Clinical experience at one of Europe's leading eye hospitals: Manchester Royal Eye Hospital
- Renowned researchers involved in lectures, practicals and clinics, providing excellent standards of teaching
- Option to take our MOptom – the only course in the country that allows students to register directly with the General Optical Council and go straight into practice after graduation

PETROLEUM ENGINEERING

TYPICAL OFFER

AAA-AAB

IB: 37-35

Overall IELTS score of 6.5 (with a minimum score of 6.0 in any component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Chemical Engineering, Civil Engineering, Geography, Earth Sciences, Chemistry, Physics and Astronomy, Mathematics, Engineering with an Integrated Foundation Year

FIND OUT MORE

www.manchester.ac.uk/seaes

ug-earth-sci@manchester.ac.uk

COURSE INFORMATION

Petroleum Engineering BEng

3yrs, UCAS code H850

Petroleum Engineering MEng

4yrs, UCAS code H851

Producing oil and gas from reserves effectively and safely is of great economic importance, requiring a broad spectrum of knowledge and skills. Petroleum engineers work at the interface between geology and engineering and play a pivotal role in the efficient exploitation and long-term recovery of hydrocarbons. Our undergraduate courses are designed to equip you

with the knowledge and skills that are required by the petroleum industry. Several of the course units are led by industry professionals and project work is designed to simulate real-life petroleum engineering problems.

CAREER OPPORTUNITIES

Petroleum engineers are involved in the discovery, recovery and maintenance of the world's oil and gas supplies. The activities are important because safe, affordable and clean energy is a requirement for future generations.

Job opportunities for petroleum engineers are very diverse and occur along the entire value chain of hydrocarbon exploration and production. They can get their hands dirty on a drill rig, perform sophisticated analyses in the laboratory, or work with advanced computer software to create reservoir models. Petroleum engineers have opportunities to work out in the field across the world, or be office-based.

WHY MANCHESTER?

- Industrial input to course design and delivery
- Dedicated laboratory space with access to industry-standard software
- Design projects in each year, enabling you to put theory into practice

PHARMACY

TYPICAL OFFER

Due to the detailed nature of entry requirements for the pharmacy course, we are unable to include a typical offer in the prospectus. For complete and up-to-date information on our entry requirements, visit: www.manchester.ac.uk/pharmacy

YOU MIGHT ALSO BE INTERESTED IN...

Life Sciences, Chemistry, Optometry

FIND OUT MORE

www.manchester.ac.uk/pharmacy
ug-pharmacy@manchester.ac.uk

One of the most dramatic advances in health care has been the development of highly specific and effective medicines, which have virtually eliminated killer diseases of the past and reduced the impact of many others. Today, more than ever before, administering health care requires a team effort involving many professions. The pharmacist is a key member of this team, developing, dispensing and managing the use of medicines.

Established in 1883, pharmacy has a long tradition in Manchester. Today we are an innovative leader in the teaching of the subject and perform internationally reputable research.

Our research is advanced within six themes: the design of novel anti-cancer compounds; improving the understanding and design of anti-infective and novel diagnostic agents; prediction of pharmacokinetics in humans; delivery and pharmacokinetics of biopharmaceuticals; controlled and responsive drug delivery; policy-relevant medicines research.

You have the opportunity to participate in an area of research in the final year, ranging from traditional laboratory-based projects, pharmacy practice and professional topics, to outreach and public engagement activities.

COURSE INFORMATION

Pharmacy MPharm
 4yrs, UCAS code B230

You will gain a broad scientific education in pharmacy, including extensive clinical training, which enables you to enter all areas of the profession and to adapt to change. You will develop communication skills through oral and written presentations, and learn via innovative teaching methods, such as problem-based, enquiry-based and team-based learning, tutorials, video and computer-assisted learning, alongside more traditional methods of formal lectures and practical classes. You can use our computer-assisted learning laboratory throughout your course as an aid to your learning, and undertake role-play simulations via interactive video programmes in therapeutics teaching.

CAREER OPPORTUNITIES

Upon successful completion of the MPharm course, the General Pharmaceutical Council recognises students as entitled to register as a pharmacist after completing one year of pre-registration training.

Our Pharmacy course has a broad interdisciplinary scientific base and is flexible enough to meet differing career aspirations, whether in community pharmacy, hospital pharmacy, the pharmaceutical industry, or research.

WHY MANCHESTER?

- Manchester was the first UK university to award degrees in pharmacy
- Unique combination of scientific, professional and clinical excellence in teaching to prepare you fully for all areas of the pharmacy profession
- Innovative teaching practices, state-of-the-art teaching facilities and specialist teacher practitioners ensure our courses are informative, rewarding and fun

PHILOSOPHY

TYPICAL OFFER

A-level: ABB

IB: 34

Overall IELTS score of 6.5 (with no component less than 6.0), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Philosophy, Politics and Economics (PPE), Economic and Social Studies, Mathematics, Physics and Astronomy, Politics and International Relations, Religions and Theology, Social Anthropology

FIND OUT MORE

www.manchester.ac.uk/socialsciences
socialsciences@manchester.ac.uk

Philosophy is the study of the most general and fundamental features of reality, including ourselves, and the concepts, theories and practices we use to try to understand them.

Philosophical questions include:

- Is everything that exists in space and time entirely physical?
- Do abstract objects outside of space and time, such as numbers, really exist?
- Does God exist?
- Is time travel possible?
- What makes something a work of art?
- What makes something the morally right thing to do?
- Is individual liberty the overarching political value?
- Can anything be known for certain?

These are fundamental questions, which are very abstract and difficult. They cannot be answered by engaging in scientific experiment. The only way to approach them is by using reasoned argument.

As a Philosophy student, you will develop your own responses to fundamental questions that have been occupying minds for over 2,000 years and become familiar with ongoing debates. You will acquire highly transferable skills of analytical and critical thinking, reasoned argument and clear, systematic expression of ideas, all of which are universally applicable in all walks of life and work.

COURSE INFORMATION

Philosophy BA

3yrs UCAS Code V500

Philosophy and Criminology BASS

3yrs UCAS Code VL53

Philosophy and Politics BASS

3yrs UCAS Code VL52

CAREER OPPORTUNITIES

Studying philosophy teaches individuals to think critically and imaginatively about a wide range of problems, and to present a clear and cogent case for their own conclusions. These are transferable skills highly prized by employers. Our recent graduates have gone on to enjoy careers in journalism, law, publishing, social work, and management and financial consultancy.

WHY MANCHESTER?

- Long-established tradition of teaching and research in philosophy
- Co-operative and supportive environment that promotes a spirit of open enquiry and intellectual rigour

PHYSICS AND ASTRONOMY

TYPICAL OFFER

A-level: A*A*A-A*AA

IB: 39 – 38

Overall IELTS score of 6.0 (with no less than 5.5 in any component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Mathematics, Electrical, Electronic and Mechatronic Engineering, Aerospace Engineering, Philosophy, Science with an Integrated Foundation Year

FIND OUT MORE

www.manchester.ac.uk/physics
ug-physics@manchester.ac.uk

At Manchester we have an excellent reputation for teaching and research. Our tradition has been established by many eminent teachers and researchers, including 12 Nobel Prize winners among our staff and students, such as Rutherford, Bohr, Bragg, Cockcroft, Chadwick, Blackett and, most recently, Geim and Novoselov, who received the prize in 2010 for their pioneering work on graphene.

Our research interests cover all of modern physics, including: astronomy; cosmology and astrophysics; condensed and soft-matter physics (including superfluids, superconductors and liquid crystals); nanoscale and mesoscopic physics; non-linear dynamics and chaos; atomic, molecular and laser physics; particle physics; laser photonics; nuclear physics; accelerator physics; biophysics; theoretical physics.

COURSE INFORMATION

You may follow either a three-year BSc or a four-year MPhys degree in most courses. Final decisions on which route to take are made by the start of Year 3. This process involves some criteria associated with academic performance and you do not necessarily have to stick to the original choice that you make when you apply.

Physics BSc

3yrs UCAS Code F300

Physics MPhys

4yrs UCAS Code F305

Physics with Astrophysics BSc

3yrs UCAS Code F3F5 (MPhys F3FA)

Physics with Philosophy BSc

3yrs F3V5 (MPhys F3VM)

Physics with Study in Europe MPhys

4yrs UCAS Code F301

Physics with Theoretical Physics BSc

3yrs UCAS Code F345 (MPhys F346)

CAREER OPPORTUNITIES

More than two-thirds of our graduates make direct use of their knowledge of physics and work in science-related, technical or computing jobs, or go into teaching or postgraduate research.

Others go into the commercial, financial, actuarial and business sectors, pursuing careers in areas such as management, banking, accountancy, insurance and marketing, where analytical, numerical and technical skills are highly valued.

WHY MANCHESTER?

- One of the largest and most respected schools of physics and astronomy in the UK, with two Nobel laureates currently on our staff
- State-of-the-art facilities for teaching and research, following a £75 million extension and refurbishment
- Jodrell Bank Observatory, the internationally renowned centre for radio astronomy, is part of our School

**MANCHESTER
MADE ME**

**A NOBEL
PRIZE WINNER**

Professor Sir Kostya Novoselov

Physics and Astronomy Research Associate

Kostya works in the 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 a revolutionary super-material called graphene.

When not dealing with international fame, he is devoted to his research, lectures to undergraduate students and watches 'The Big Bang Theory' (which his work has featured on).

"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 really within the culture of the British system. You are allowed to do those crazy experiments, which allows you to be creative.

"Academics here apply really huge effort, in one-to-one tutorials and so on. The fact that it is a huge place is an additional benefit. You always have experts in any field you need and, if you want to continue for a master's or PhD, you have a great choice of people to learn with here.

"Our research work informs degree courses. We certainly have a few undergraduate lectures about our work, not only because we like the area we work in, but because it is a simple and elegant example of work that started from scratch."

"I learn from our students: they are often very open-minded. Probably the best advice is not to listen to advice. Try to be original – that is the only way forward."

PLANNING AND ENVIRONMENTAL MANAGEMENT

TYPICAL OFFER

A-level: BBB

IB: 32

Overall IELTS score of 6.5 or more (with a minimum writing score of 6.5 and 6.0 in the other subsections), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Architecture, Environmental Science, Geography, Civil Engineering

FIND OUT MORE

www.manchester.ac.uk/planning
seed.admissions@manchester.ac.uk

Planning and environmental management concerns the development of the communities and places in which we live. How did the places in which we live develop? Who decides what kinds of development takes place and where? How do policy decisions impact upon the state of the environment in our neighbourhoods – or indeed the planet – and how are these decisions made? To answer these challenging questions, we need to understand the complex structures and relationships that make up the economy, society and the environment. This requires engagement with a range of debates, including: the management of biodiversity and climate change impacts; community development; social justice; economic development and urban design; the delivery of transport infrastructures; the management of rural areas; regeneration; housing delivery and job creation.

In Planning and Environmental Management, we combine traditional lectures with workshop-based teaching. During workshop sessions you will have an opportunity to develop practical skills that include Computer-Aided Design (CAD) and Geographical Information Systems (GIS), giving an overall hands-on learning experience. Project-based learning, incorporating studio-based design work, field-based research and study visits, is integral to all of our courses and provides you with exposure to professional practice.

COURSE INFORMATION

All courses have a common Year 1 where you will gain a broad introduction to ongoing debates in planning, environmental management, real estate and urban studies.

We combine core course units with a range of option course units, providing a flexible and adaptable approach to study.

Environmental Management BA 3yrs, UCAS code F851

The Environmental Management BA degree concerns the management of environmental resources and the way in which human societies interact with them. The course recognises that understanding both scientific principles and relevant policy frameworks are essential if we are to change thinking about the environment and our behaviour towards it, to live in a more sustainable way. Throughout your degree you will focus on understanding environmental processes and their management by combining classroom-based learning with practical field study.

Master of Planning MPlan 4yrs, UCAS code K400

The Masters of Planning is a four-year enhanced undergraduate degree that provides both academic study and professional training in planning. The course is accredited by the Royal Town Planning Institute (RTPI) and the Royal Institute of Chartered Surveyors (RICS).

Urban and Regional Planning BA 3yrs, UCAS code K402

This three-year degree provides you with basic academic and professional training in planning. The curriculum is the same as for the four-year undergraduate Master of Planning (MPlan) offered by our School, but students finish their degree after three years. The course covers a wide range of subject areas and uses a variety of teaching and learning methods, including lectures, seminars, workshops and field work. The degree is partially accredited by the Royal Town Planning Institute (RTPI).

Urban Studies BSc 3yrs, UCAS code K421

Urban studies students take a management and control approach to understanding contemporary patterns of urban and regional development and the processes that contribute to change across cities and their surrounding regions. The course is rich in both theory and practice-based elements.

Integrated Masters in Planning with Real Estate 4yrs, UCAS code IG23

The Masters in Planning and Real Estate is a four-year enhanced undergraduate degree that provides both academic study and professional training in planning and real estate. The course is accredited by the Royal Town Planning Institute (RTPI) and the Royal Institute of Chartered Surveyors (RICS).

CAREER OPPORTUNITIES

Our academic and professional degrees can lead to a broad range of employment paths in public, private and voluntary sectors in the UK and internationally. Recent graduates have found employment in private sector consultancies, local and regional transport authorities, central and local government departments, the European Commission and international NGOs.

For graduates who decide not to follow a vocational career, their experience in problem solving, wide knowledge base, transferable skills in strategic thinking, teamwork, creativity and communication will prepare them for a number of other careers. A growing number of our graduates find jobs in non-planning areas, including finance and business.

WHY MANCHESTER?

- The world's first industrial city, now a vibrant 21st century metropolis, set between three national parks – an ideal study location
- Field trips throughout our degrees, including residential field trips in the UK and overseas
- Strong professional links with planners, urban development professionals and environmental managers provides possibilities for placements, client-based studies and employment opportunities

POLITICS AND INTERNATIONAL RELATIONS

TYPICAL OFFER

A-level: AAB

IB: 35

Overall IELTS score of 6.5 (with no less than 6.0 in each component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Politics, Philosophy and Economics (PPE), Economic and Social Studies, Economics, History, Law, Social Anthropology, Sociology, Philosophy

FIND OUT MORE

www.manchester.ac.uk/socialsciences
socialsciences@manchester.ac.uk

Politics and international relations is the study of political institutions, actors and processes, and the examination of power – how it is attained and what it is used for.

Politics at Manchester is structured around three core themes: comparative political systems and political behaviour; international politics and relations; and political theory and ideas.

This structure extends across everything we do, from undergraduate teaching to top-level research. The largest UK unit of its kind, we offer a wide choice of topics, including British and American politics, ethics, comparative European politics, the European Union, international relations, third-world politics, political theory, globalisation and gender, all taught by internationally recognised experts.

Our significant size allows us to support internationally recognised research across a broad range of areas within and across these themes, including several large and distinctive specialist research clusters. This also contributes to the quality of our teaching; at undergraduate level, we offer you a wide range of course units that build directly on our research expertise.

COURSE INFORMATION

Politics and International Relations BSocSc 3yrs, UCAS code L200

This is our single honours course designed for those who wish from the outset to specialise in the study of politics within a global context.

We will help you to develop solid intellectual foundations within the discipline, while also giving you increasing choice and diversity of subjects and approaches as you progress through your second and third years.

In the first two years you will take courses drawn from each of our three core areas of study: political theory, comparative politics and international relations. You will also be able to choose options from other discipline areas either from within the School of Social Sciences, such as economics or sociology, or in an appropriate subsidiary subject, such as history, philosophy or a language.

By the final year, you will have acquired an advanced understanding of politics, which will prepare you to study a selection of specialised Year 3 options. With the help of a dedicated supervisor, you will produce a dissertation on the subject of your choosing.

Business Studies and Politics BA (Econ) 3yrs, UCAS code NL12

Economics and Politics BA (Econ) 3yrs, UCAS code LL12

Social Sciences: Philosophy and Politics BA (SocSci) 3yrs, UCAS code VL26

Politics and Criminology BA (SocSci) 3yrs, UCAS code LM29

Politics and Social Anthropology BA (SocSci) 3yrs, UCAS code LL26

Politics and Sociology BA (SocSci) 3yrs, UCAS code LL23

Politics, Philosophy and Economics BA 3yrs, UCAS code LV25

CAREER OPPORTUNITIES

Our graduates have an excellent reputation for employability and have gone on to pursue careers in a wide range of paths, reflecting the broad nature of our courses. Studying politics develops critical thinking and debating skills, which are essential aspects of many different careers, and employers increasingly recognise the value of a degree that encourages students to think independently and approach a wide range of problems from diverse angles.

Jobs popular with our graduates include journalism, human rights campaigning, financial consultancy, teaching, lobbying, parliamentary research, publishing and project management.

Some of our most recent graduates have successfully obtained positions at the UN, the Houses of Parliament, Ministry of Justice, Foreign and Commonwealth Office, Goldman Sachs, Henderson Global Investors, KPMG and Google.

WHY MANCHESTER?

- Reputation for teaching and research in politics for over 50 years
- International reputation for research excellence
- Extensive and diverse choice of relevant subject areas

POLITICS, PHILOSOPHY AND ECONOMICS

TYPICAL OFFER

A-level: AAB

IB: 35

Overall IELTS score of 6.5 (with no less than 6.0 in any component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Politics and International Relations, Philosophy, Economics, Economic and Social Studies, Social Anthropology, History, Law

FIND OUT MORE

www.manchester.ac.uk/socialsciences
socialsciences@manchester.ac.uk

COURSE INFORMATION
Politics, Philosophy and Economics BA
 3yrs, UCAS code LV25

Our Politics, Philosophy and Economics (PPE) degree is a structured yet flexible course, informed by current research, in which students look at significant topics, problems and issues. It will enhance your capabilities to critically evaluate competing arguments about political events, ideas and institutions. It will help you develop the ability to effectively evaluate economic policies in a broad institutional and political context. You will also develop the ability to evaluate and think through philosophical arguments and positions.

CAREER OPPORTUNITIES

The intellectual and analytical skills that our graduates acquire equip them for a wide range of careers. They are well placed to pursue careers in areas such as journalism, law, publishing, social work, government, management and financial consultancy.

Some of our most recent graduates have successfully obtained positions at KPMG, Goldman Sachs, Lloyds, Alliance Financial Group and Shelter. Many others build on the excellent academic grounding that PPE offers by undertaking postgraduate study in one of the three disciplines.

WHY MANCHESTER?

- Long-standing reputation for teaching and research in political economy for more than 50 years
- International reputation for research excellence: third among social sciences faculties in the UK in terms of 'research power' (RAE 2008)
- Access to the multidisciplinary expertise of more than 165 members of academic staff in our School of Social Sciences

PSYCHOLOGY**TYPICAL OFFER**

A-level: AAB
 IB: 35 (including 6, 6, 5 at higher level)
 A minimum overall IELTS score of 6.5, (with no less than 6.5 in each component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Cognitive Neuroscience and Psychology (under Life Sciences), Life Sciences, Social Anthropology

FIND OUT MORE

www.manchester.ac.uk/psych-sci
ug-psychology@manchester.ac.uk

Those who choose to study psychology at Manchester join one of the longest-established psychology departments in the UK. The discipline of psychology has its roots at Manchester, appointing the first professor of psychology in 1919.

Our challenging course is designed to meet the needs of students with different interests. We focus on areas where our research is strongest, so you will get the most up-to-date thinking and ideas in this exciting and challenging topic. Our course is accredited as conferring eligibility for Graduate Membership of The British Psychological Society (BPS) and the Graduate Basis for Registration (GBR). The latter is the first step towards becoming a chartered psychologist.

COURSE INFORMATION
Psychology BSc
 3yrs, UCAS code C800

You will gain a comprehensive foundation in the essential topics of psychology, with the ability to tailor studies to your own interests in the final year. We divide our course into two parts:

Part 1 (Years 1 and 2): Includes compulsory units giving you a thorough overview of the central theoretical ideas and empirical findings in psychology, plus experience of group working and presentation, and training in research methods, statistics and the use of computers.

**MANCHESTER
MADE ME**

FINDING A CONFIDENT VOICE

Xia Shuen, 21 Politics, Philosophy and Economics student

At school in Malaysia, Xia liked to be sure an answer was right before she dared put her hand up. Here, she has learned to say what she thinks.

"Students in Manchester are very vocal and prepared to speak out, particularly in politics. Everyone has an opinion and is not afraid to share it. It was a learning curve for me. At home I used to be frightened of getting it wrong, but I've learned a lot from my peers.

"It was a family dream that I would study abroad. My parents believed it gave you a better perspective and always encouraged me to work hard.

"I thought Manchester was a nice city: affordable with great music and theatre, yet just a train ride from beautiful countryside in the Peak District and Lake District. My friends studying in London are quite envious.

"Manchester is popular with Malaysian students for a number of reasons. It's a great university, it's a great city and, of course, there's the football and Manchester United. I also love football, but you could say I'm in the wrong city for that. I support Liverpool!

"I love my course and I'm already thinking of doing a master's degree. I was slightly scared in my first year, but ready to work hard – and the lecturers were fantastic.

"Outside of my course, I joined the badminton team. This year the girls came second in The Christie Cup, so I made a lot of new friends.

"I do some volunteering and I became a student ambassador for the International Welcome Team, greeting new students. When I arrived here I felt really looked after, and I wanted to do the same for other new students. We organise movies, a night at the museum, even a bus trip to Asda – students need to know where to get their groceries!

"I also joined the committee of the Malaysian Society as sports officer. It's very active and very hectic, because there are many Malaysian students and we work to provide a community for them all to feel at home. We have two flagship events: the Malaysian Games, where other university Malaysian societies are invited to compete; and a regular Malaysian night to showcase our culture."

"I genuinely think it's a great University, and I'm really proud of it. It's a wonderful place to develop yourself. Someone once described it to me as being like an Olympic training ground where you have all the resources you need; if you want to win a gold medal, all you have to do is make use of them."

Part 2 (Year 3): Choose from a wide range of course units and carry out a research project on a topic of your choice, under the supervision of a member of staff. This leads to a written report and presentation at the end of the year. We devote a lot of time to training our students in the skills required to carry out psychological investigations. This is done through practical classes, instruction in computing and statistics and especially through the research project, which forms a major part of Year 3.

CAREER OPPORTUNITIES

Our Psychology graduates gain a range of important academic and transferable skills in areas such as presentations, project management, group-working, data analysis, analytical thinking and research. Our Psychology graduates currently hold positions in areas as diverse as PR, marketing, media, accountancy, teaching, and social work.

Our degree is accredited by the British PBS as conferring eligibility for GBR, allowing graduates to go on to further study to pursue a career as a professional psychologist. A good proportion of our graduates become clinical, forensic, educational, occupational or health psychologists, or go on to research careers.

WHY MANCHESTER?

- Impressive history in teaching and research from a university that was at the forefront of the emergence of the discipline of psychology
- Accreditation by the British Psychological Society – essential for a professional psychology career
- Dynamic staff at the forefront of psychology research with excellent links to clinical psychology

RELIGIONS AND THEOLOGY

TYPICAL OFFER

A-level: ABB – BBB

IB: 36 – 31

Minimum IELTS score of 7.0, or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Social Anthropology, Philosophy, Classics and Ancient History, Middle Eastern Studies

FIND OUT MORE

www.manchester.ac.uk/religion
ug-relig-theol@manchester.ac.uk

We are a leading UK department for the study of religions and theology. We approach the study of religion from multidisciplinary, theological and comparative perspectives, while our major competitors focus on either Christian Studies or Jewish Studies. For three consecutive Research Assessment Exercises, our department has been ranked among the very best. We were the only department in the UK to be ranked as 6* – the top grade for outstandingly consistent excellence in research – from 2001 to 2008.

COURSE INFORMATION

From our wide and varied choice of course units, you can study ancient Hebrew, Greek or Urdu; immerse yourself in the thought of ancient, medieval and modern theologians; debate the philosophical, ethical, and political dimensions of religious studies; study scrolls and scriptures from a variety of traditions, including Christianity, Judaism, Islam and South Asian religions; become familiar with a wide range of religious histories and social theories.

Comparative Religion and Social Anthropology BA 3yrs, UCAS Code VL66

Discover the interesting areas where these two disciplines come together. Scholars of religion increasingly use anthropological concepts and tools to formulate questions pertaining to religious phenomena, while religious ritual and magico-religious practice have long been standard topics in the research of anthropologists.

You can also study ethnographic film and video, with our Granada Centre for Visual Anthropology.

Religions and Theology BA 3yrs, UCAS Code V600

Focus on the facts and challenges of diversity and pluralism in many different religions on a flexible course, while also taking seriously the profound questions of ancient, medieval, modern and

postmodern debates on theological matters in all these religions.

Concentrate on a specific religious tradition, or study a variety. Our courses cover Hindu and Buddhist world views, Islam, Judaism and Christianity, and include theology, history and biblical studies. You can also study a range of languages such as ancient Hebrew, Greek, or Urdu.

Theological Studies in Philosophy and Ethics BA 3yrs, UCAS Code V610

Focus on theology and how it impacts on philosophy and ethics. You will study continental philosophy and Christian theology and have the opportunity to consider their relationship to Indian, Jewish and Islamic theologies and philosophies.

On this highly interdisciplinary course you will explore arguments for God's existence, consider questions relating to suffering and evil, analyse the interactions between religion and politics, evaluate the religious aspects of existentialism and investigate the complicated relationship between scientific and religious worldviews.

CAREER OPPORTUNITIES

A degree in Religions and Theology will equip you with the vision, confidence and skills to engage fully with a multicultural society. You will be well placed for a wide range of professional positions that require religious and cultural sensitivity, having developed skills that are valuable for many occupations. Recent graduates from our degrees are now in exciting and fulfilling careers as teachers, social workers, members of religious organisations, media personnel and employees of national and international NGOs.

WHY MANCHESTER?

- Outstanding international reputation for research in religion and theology that informs all our courses
- Impressive array of courses and learning methods to choose from, including many interdisciplinary options
- Fabulous library collection of electronic resources, books, manuscripts and archives in religion and theology

RUSSIAN

ARE YOU LOOKING FOR... Russian?

Russian is part of Modern Languages – find out more about Modern Languages courses on page 85.

SCIENCE WITH AN INTEGRATED FOUNDATION YEAR

TYPICAL OFFER

Students are accepted from a wide range of backgrounds. Each application is considered individually.

COURSE INFORMATION

On this course you will study the mathematics, physics and chemistry (where appropriate) essential for securing success in the targeted degree courses. You also study academic skills and information and communications technology (ICT), developing the transferable skills necessary for undergraduate study, and undertake a project in the discipline of your choice.

Science with an Integrated Foundation Year 4/5yrs, UCAS code F008

Provided students meet the progression criteria of their chosen School, successful completion of the Science with an Integrated Foundation Year course guarantees progression onto the first year of an appropriate degree course chosen from:

Chemistry
Computer Science
Earth Sciences
Mathematics
Physics and Astronomy
Textiles

Find out more about these subject areas in the relevant pages of this prospectus.

SOCIAL ANTHROPOLOGY

TYPICAL OFFER

A-level: ABB

IB: 34

Minimum IELTS score of 6.5 (with no component lower than 6.0), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Economic and Social Studies, Social Sciences, Religions and Theology, Philosophy, Psychology

FIND OUT MORE

www.manchester.ac.uk/socialsciences
socialsciences@manchester.ac.uk

Social anthropology is the comparative study of culture and asks what it means to be human. Contemporary social anthropology is a critical discipline that tackles an enormous variety of topics. These include questions about how people create families, worship gods and organise their economic and political lives. Manchester anthropologists look at the social implications of reproductive and information technologies, analyse the social meanings of consumer behaviour, study violence, poverty and the means for resolving conflicts and alleviating human suffering.

Today we have one of the largest departments of anthropology in the UK. Our staff conduct research in Africa, Asia, the Middle East, Europe, Oceania and Latin America. We continue to focus on political issues in western cities and other parts of the world.

We are particular specialists in: visual and sensory media; the impact of new reproductive and genetic technologies; AIDS, sexuality and masculinities; cities, migration and infrastructures; urban and border politics; crafts, play and worship.

In the past, Manchester anthropology led the way in confronting difficult political and moral issues concerning the colonial systems within which anthropologists originally worked. In addition, what became known as the Manchester School pioneered the anthropological analysis of cities, social networks, and anthropological research 'at home', on our own doorstep, as well as in other parts of the world.

COURSE INFORMATION

Social Anthropology BSocSc

3/4yrs UCAS Code L600

Social Anthropology and Criminology BASS

3yrs UCAS Code LM69

Social Anthropology and Philosophy BASS

3yrs UCAS Code LV65

Social Anthropology and Sociology BASS

3yrs UCAS Code LL63

CAREER OPPORTUNITIES

Our graduates are fully prepared to move on to postgraduate studies, or to apply the skills they have learned in a variety of career paths. Recent graduates are now working for local and national government and a range of NGOs, including relief and development agencies. Some are working in museums, cultural industries and conservation projects, while others have gone into filmmaking, radio, television broadcasting, journalism, the civil service, EU institutions, human resources, market research, industrial relations, advertising, law, accountancy and teaching.

WHY MANCHESTER?

- Access to cutting-edge research and thinking that is recognised at an international level
- Opportunities to explore visual, political, economic, urban and sensory anthropology, as well as anthropology of the media, science and technology

SOCIAL SCIENCES

TYPICAL OFFER

A-level: ABB

IB: 34

Overall IELTS score of 6.5 (with a minimum of 6.0 in each component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Economics and Social Sciences, Philosophy, Social Anthropology, Sociology

FIND OUT MORE

www.manchester.ac.uk/socialsciences
socialsciences@manchester.ac.uk

Our BA Social Sciences degree offers you the chance to sample a broad range of subjects before you decide what you wish to specialise in. Through your own selections from the extensive options we have available, you will be able to have the freedom to follow your own interests across disciplinary boundaries.

By giving you a broad foundation in Year 1, during which you will study at least three subjects, you have more flexibility when choosing which subjects to concentrate on further. Studying one or two main disciplines in Years 2 and 3 ensures that you gain a high level of knowledge in these by the end of your degree.

You do not need to have studied social sciences before. We are looking for applicants with high levels of interest and motivation, and the ability to make informed choices to shape their own customised degree programme.

When you apply you must select one of the ten joint pathways listed below and use the associated course code. However, due to the flexibility of the course, you are not tied to this choice throughout your years of study.

COURSE INFORMATION**Philosophy and Criminology BA (SocSci)**

3yrs, UCAS code VL53

Philosophy and Politics BA (SocSci)

3yrs, UCAS code VL52

Politics and Criminology BA (SocSci)

3yrs, UCAS code LM29

Politics and Social Anthropology BA (SocSci)

3yrs, UCAS code LL26

Politics and Sociology BA (SocSci)

3yrs, UCAS code LL23

Social Anthropology and Philosophy BA (SocSci)

3yrs, UCAS code LV65

Social Anthropology and Sociology BA (SocSci)

3yrs, UCAS code LL63

Sociology and Criminology BA (SocSci)

3yrs, UCAS code LM39

Sociology and Philosophy BA (SocSci)

3yrs, UCAS code LV35

Year 1 gives you a broad introduction to the social sciences covering your choice of at least three areas from the following: philosophy, politics, sociology, criminology and social anthropology. This enables you to make an informed choice of the subjects you will study in later years. In Year 2 you can either take most of your course units in a single area, or choose to work within two or three areas. In the final year, you specialise in one area, or combine two areas of study. In total, more than 260 course units are available, giving a remarkable choice and the opportunity to put together a programme of study that is tailored to your individual interests.

WHY MANCHESTER?

- Dynamic, multidisciplinary social sciences degrees
- Unique offering of course units with incredible choice
- Access to cutting-edge research recognised at an international level

SOCIOLOGY**TYPICAL OFFER**

A-level: BBB

IB: 32

IELTS overall score of 6.5 (with a minimum of 6.0 in each component), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Economic and Social Studies, Philosophy, Politics and International Relations, Social Anthropology, History, Social Sciences

FIND OUT MORE

www.manchester.ac.uk/socialsciences/sociology
socialsciences@manchester.ac.uk

With social changes affecting us all (globally, nationally, locally and individually), there could not be a more exciting or relevant time to study sociology. Our courses introduce you to the principles and frameworks of sociology and enable you to develop skills in social analysis.

You will take core course units about thinking and researching sociologically, and practical course units on research methods. You will consider our wide range of optional course units on key issues including: social divisions and connections (class, gender, ethnicity); intimate relations and personal life (families, sexualities, bodies, self and identity); social networks; media, culture and technology; consumption; social movements and social protest; work and organisations; environment and human-animal relations; globalisation and social change.

You will have the opportunity to learn to examine social life in different and interlinked ways, from the finer details of intimate and face-to-face interaction, to long-term historical changes affecting relations between groups, organisations and national societies.

You will also develop the skills to analyse contemporary social life and comprehend social processes, problems and developments, as well as various transferable skills demanded in today's job market.

COURSE INFORMATION

Business Studies and Sociology BA (Econ)

3yrs, UCAS code NL13

Development Studies and Sociology BA (Econ)

3yrs, UCAS code LL93

Economics and Sociology BA (Econ)

3yrs, UCAS code LL13

Politics and Sociology BA (SocSci)

3yrs, UCAS code LL23

Sociology BSocSc

3yrs, UCAS code L300

Social Anthropology and Sociology BA (SocSci)

3yrs, UCAS code LL63

Sociology and Criminology BA (SocSci)

3yrs, UCAS code LM39

Sociology and Philosophy BA (SocSci)

3yrs, UCAS code LV35

CAREER OPPORTUNITIES

Sociology does not restrict you to a particular occupation. It is an ideal degree to develop as a skilled analyst and creative thinker. Employers in many sectors are currently looking to take on graduates who are equipped for 'people work' and who understand how individuals, groups, organisations and institutions operate, giving sociology an edge in the job market.

The transferable skills our students gain in social research are a genuine asset in a global economy increasingly focused upon the processing of complex information.

Our graduates enter a wide range of occupations, allowing them to keep their options open. They have taken up occupations in teaching, the police service, social and advisory work, law, research, policy development and implementation, media and journalism, retail, and trainee management.

WHY MANCHESTER?

- Sociology was ranked joint first in the UK in the last Research Assessment Exercise (RAE 2008) and has a very strong international reputation
- Staff expertise in a range of approaches to social analysis, quantitative and qualitative research methods, and historical and comparative approaches
- Our BSocSc Sociology course places special emphasis on developing students' employment opportunities

SPANISH, PORTUGUESE AND LATIN AMERICAN STUDIES

ARE YOU LOOKING FOR...

Spanish, Portuguese and Latin American Studies?

Spanish, Portuguese and Latin American Studies is part of Modern Languages – find out more about Modern Languages courses on page 85.

TEXTILES

TYPICAL OFFER

A-level: AAB-ABB

IB: 35 – 33

Overall IELTS score of 6.0 (with no component below 5.5), or recognised equivalent

YOU MIGHT ALSO BE INTERESTED IN...

Materials Science, Business and Management

FIND OUT MORE

www.manchester.ac.uk/materials

ug-textiles@manchester.ac.uk

The dynamic nature of today's global fashion and textiles industries requires graduates with a wide range of skills who are highly creative and flexible. We offer science, technology, management, design, fashion and retail subjects in a range of courses that reflect the diverse and unique nature of fashion and textiles.

ARE YOU LOOKING FOR TEXTILES WITH A YEAR IN INDUSTRY?

Most Textiles courses can be taken with a year in industry. Contact ug-textiles@manchester.ac.uk for details.

COURSE INFORMATION

All our courses are underpinned by core units in textile science and technology.

Textile Science and Technology BSc

3yrs, UCAS Code JJ49

The continuing evolution of the industry provides exciting opportunities, embracing the high-performance technical textiles sector, as well as the apparel and domestic textiles market. Recent innovations include microclimate control clothes, mobile communication platforms and medical textiles.

The multidisciplinary nature of textiles requires high-calibre technical managers and researchers with expertise in engineering, chemistry, physics and electronics. With our technical expertise and broad equipment base, we will give you the skills to create and implement the next generation of textiles innovation.

Gain a fundamental understanding of fibre, yarn and fabric manufacture, textile science and an introduction to textile management in Year 1, through an integrated series of lectures, seminars and laboratory projects. In later years, you focus on the science and technology of textile materials and processes, and business and management in textiles.

Study a related topic in detail in your final-year research project. Recent projects have included areas such as biomedical textiles, ink-jet printing and ethical production management.

Fashion Management BSc

3yrs, UCAS code 3M89

This course will provide you with an opportunity to focus on management theory in the textiles science and technology context of the fashion industry. It addresses contemporary management concepts stemming from changing organisational structures, complex environmental conditions, new technological developments and increasingly diverse work practices.

Develop the multidisciplinary skills necessary in today's competitive marketplace. Learn contemporary management approaches and techniques thoroughly grounded in the innovative world of fashion, and how these can be applied to all aspects of business, including brand management, design, production and the supply chain.

Fashion Marketing BSc

3yrs, UCAS code 3S61

This course has a strong focus on the unique way in which fashion products are marketed. Key marketing theory is studied, with specialist emphasis on the interface between design, creativity and the commercial imperative. You will develop an understanding of fashion consumer behaviour, segmentation, targeting and positioning, as well as the external and internal influences on individual and organisational decision-making.

A key feature of this course is the opportunity to study multimedia CAD packages in the context of brand concept, communication and application. The concepts of marketing most relevant to fashion, eg visual merchandising, public relations, social media and multichannel marketing, are given particular emphasis on this course.

Fashion Retail BSc **3yrs, UCAS code 6U72**

This course provides an opportunity to focus on retail theory as well as textiles science and technology. The course is designed to equip you with specialist knowledge of aspects of retailing theory most relevant to the fashion sector. With an emphasis on the supply chain, the course provides an understanding of processes from manufacture, through distribution, to the point of sale, linking with consumer demand and operations management.

Graduates from this course will typically go into a variety of roles in the retail sector, including store management, retail operations, logistics, merchandising and commercial strategy.

Fashion Buying and Merchandising BSc **3yrs, UCAS code 6G49**

Fashion buying requires a strong commercial and analytical foundation. This course is designed to provide an appreciation of the creative fashion drivers needed to be a successful buyer, such as the ability to identify trends, as well as a solid understanding of the expertise required to ensure the commercial success of products.

The strong textile science underpinning of the course offers a unique understanding of the technical performance and construction of garments. You will also develop the numerical and data skills required in fashion buying and merchandising. The changing nature of the supply chain, including fast fashion and seasonal buying strategies, is also introduced.

CAREER OPPORTUNITIES

Employability and engagement with industry are key features of our courses.

Our placement record is outstanding, with numerous companies actively recruiting our graduates. Many have gone on to take up leading positions in industry, commerce and education throughout the world.

Graduates go into both the manufacturing and retail sectors of the textile and clothing industry as garment and fabric technologists, quality control specialists, technical managers, designers, design managers, selectors, buyers, marketing managers, and sales and production managers. Many enter careers in research and development, and a number follow careers unrelated to textiles, such as teaching, accountancy, advertising, finance and banking.

Recent employers include: Arcadia, Debenhams, Gap, House of Fraser, IBM, John Lewis, Marks and Spencer, Matalan, Mercedes, Next, Nike, Paul Smith, Shell and Speedo.

WHY MANCHESTER?

- Superb facilities, including well-equipped textile processing, materials testing and chemistry laboratories with a wide variety of apparatus and industrial machinery
- Dedicated creative design studios and computer clusters with access to digital media design and multimedia learning packages
- The world's largest collection of textile books in our University Library

A-Z COURSE INDEX



A-Z COURSE INDEX

A		
A Middle Eastern Language and a Modern Language BA 4yrs	UCAS Code TR69	85
Accounting BSc (optional paid internship) 3/4yrs	UCAS code N400	46
Accounting and Finance BA (Econ) 3yrs	UCAS code NN43	46, 63
Actuarial Sciences and Mathematics BSc 3yrs	UCAS code NG31	82
Aerospace Engineering BEng 3yrs	UCAS code H400	47
Aerospace Engineering MEng 4yrs	UCAS code H402	47
Aerospace Engineering with Industrial Experience MEng 5yrs	UCAS code H406	47
Aerospace Engineering with Management MEng 4yrs	UCAS code H4ND	47
American Studies BA 3yrs	UCAS Code T701	69
Anatomical Sciences BSc 3yrs	UCAS code B110	76
Ancient History BA 3yrs	UCAS Code V110	57
Ancient History and Archaeology BA 3yrs	UCAS code VV14	48
Arabic Studies BA 4 years	UCAS Code T624	85
Archaeology BA 3yrs	UCAS code V400	47
Archaeology and Anthropology BA 3yrs	UCAS code VL46	48
Architecture BA 3yrs	UCAS code K100	48
Artificial Intelligence BSc 3yrs	UCAS code G700	58
Artificial Intelligence MEng 4yrs	UCAS code G702	58

B		
BA (Econ) Business Studies 3yrs	UCAS code N100	51
BDS (Bachelor of Dental Surgery) in Dental Surgery 5yrs	UCAS code A206	59
Biochemistry BSc 3yrs	UCAS code C700	76

Biology BSc 3yrs	UCAS code C100	76
Biology with Science and Society BSc 3yrs	UCAS code C1V3	76
Biomedical Sciences BSc 3yrs	UCAS code B940	76
Biotechnology BSc 3yrs	UCAS code C560	76
Business Studies and Economics BA (Econ) 3yrs	UCAS code NL11	52, 63
Business Studies and Politics BA (Econ) 3yrs	UCAS code NL12	52, 63, 98
Business Studies and Sociology BA (Econ) 3yrs	UCAS code NL13	52, 63, 106
Business Studies BA (Econ) 3yrs	UCAS code N100	52, 63

C

Cell Biology BSc 3yrs	UCAS code C130	76
Chemical Engineering BEng 3yrs	UCAS code H800	53
Chemical Engineering MEng 4yrs	UCAS code H801	53
Chemical Engineering (Business Management) MEng 4yrs	UCAS code HN82	53
Chemical Engineering (Energy and Environment) MEng 4yrs	UCAS code H8F4	53
Chemical Engineering with Biotechnology MEng 4yrs	UCAS code H8C5	53
Chemical Engineering with Chemistry MEng 4yrs	UCAS code H8F1	53
Chemical Engineering with Environmental Technology MEng 4yrs	UCAS code H8F8	54
Chemistry BSc 3yrs	UCAS code F100	54
Chemistry MChem 4yrs	UCAS code F109	54
Chemistry with Medicinal Chemistry BSc 3yrs	UCAS code F150	54
Chemistry with Medicinal Chemistry MChem 4yrs	UCAS code F152	54
Chinese Studies BA 4yrs	UCAS Code T100	88
Civil and Structural Engineering MEng 4yrs	UCAS code H220	56
Civil Engineering BEng 3yrs	UCAS code H200	56
Civil Engineering MEng 4yrs	UCAS code H201	56
Civil Engineering (Enterprise) MEng 4yrs	UCAS code H204	56
Classical Studies BA 3yrs	UCAS Code Q810	57
Classics BA 3yrs	UCAS Code Q800	57
Cognitive Neuroscience and Psychology BSc 3yrs	UCAS code BC18	77
Comparative Religion and Social Anthropology BA 3yrs	UCAS Code VL66	102
Computer Science (Human Computer Interaction) BSc 3yrs	UCAS code I140	59
Computer Science BSc 3yrs	UCAS code G400	58
Computer Science MEng 4yrs	UCAS code G401	58

COURSE INDEX

Computer Science (Human Computer Interaction) MEng 4yrs	UCAS code I142	59
Computer Science and Mathematics BSc 3yrs	UCAS code GG14	59
Computer Science with Business and Management BSc 3yrs	UCAS code G4N2	59
Computer Systems Engineering BEng 3yrs	UCAS code HH66	58
Computer Systems Engineering MEng 4yrs	UCAS code GH4P	59
Criminology BA 3yrs	UCAS code M901	75

D

Development Studies BA (Econ) 3yrs	UCAS code L900	63
Development Studies and Sociology BA (Econ) 3yrs	UCAS code LL93	106
Developmental Biology BSc 3yrs	UCAS code C141	76
Drama BA 3yrs	UCAS Code W400	59
Drama and English Literature BA 3yrs	UCAS Code WQ4H	59
Drama and Screen Studies BA 3yrs	UCAS Code WW46	59

E

Earth Sciences MEarthSci 4yrs	UCAS code F640	61
Economics BA (Econ) 3yrs	UCAS code L100	63
Economics and Finance BA (Econ) 3yrs	UCAS code LN13	46, 63
Economics and Philosophy BA (SocSci) 3yrs	UCAS code LV15	63
Economics and Politics BA (Econ) 3yrs	UCAS code LL12	63, 98
Economics and Sociology BA (Econ) 3yrs	UCAS code LL13	63, 106
Electrical and Electronic Engineering BEng 3yrs	UCAS code H600	64
Electrical and Electronic Engineering MEng 4yrs	UCAS code H605	64
Electronic Engineering BEng 3yrs	UCAS code H610	64
Electronic Engineering MEng 4yrs	UCAS code H614	64
Engineering with an Integrated Foundation Year 4/5yrs	UCAS code H108	68
English Language BA 3yrs	UCAS code Q1Q3	79
English Language for Education BA 3 yrs	UCAS code X3Q1	65
English Literature BA 3yrs	UCAS Code Q320	69
English Literature and American Studies BA 3yrs	UCAS Code QT37	69
English Literature with Creative Writing BA 3yrs	UCAS Code Q3W8	69
Environmental and Resource Geology BSc 3yrs	UCAS code F630	61

Environmental Management BA 3yrs	UCAS code F851	96
Environmental Science BSc 3yrs	UCAS code F850	70
Environmental Science BSc (with a Year Abroad) 4yrs	UCAS code F75Z	70
Environmental Science BSc (with a Year in Industry) 4yrs	UCAS code F750	70

F

Fashion Buying and Merchandising BSc 3yrs	UCAS code 6G49	108
Fashion Management BSc 3yrs	UCAS code 3M89	107
Fashion Marketing BSc 3yrs	UCAS code 3S61	107
Fashion Retail BSc 3yrs	UCAS code 6U72	108
Finance BA (Econ) 3yrs	UCAS code N300	46, 63
French Studies BA 4yrs	UCAS Code R110	88

G

Genetics BSc 3yrs	UCAS code C400	76
Geochemistry BSc 3yrs	UCAS code F670	61
Geography and Geology BSc 3yrs	UCAS code FF68	61
Geography and Geology with a Year Abroad BSc 4yrs	UCAS code FF86	61
Geography BA 3yrs	UCAS code L700	71
Geography BSc 3yrs	UCAS code F802	71
Geography Integrated Masters MGeog 4yrs	UCAS code F800	72
Geography Integrated Masters with Planning MGeog 4yrs	UCAS code F801	72
Geography with International Study BA 4yrs	UCAS code LF78	72
Geography with International Study BSc 4yrs	UCAS code FL87	72
Geology BSc 3yrs	UCAS code F600	61
Geology with Planetary Science BSc 3yrs	UCAS code F6F5	62
Geology with Planetary Science MEarthSci 4yrs	UCAS code F6FM	62
German Studies BA 4yrs	UCAS Code VR12	88

H

Hebrew and Israel Studies BA 4yrs	UCAS Code Q4T6	85
History BA 3yrs	UCAS Code V100	73

COURSE INDEX

History and American Studies BA 3yrs	UCAS Code VT17	69
History and Sociology BA 3yrs	UCAS Code VL13	73
History of Art BA 3 yrs	UCAS Code V360	49
History with Integrated Master's MHist 4yrs	UCAS Code V101	73

I

Information Technology Management for Business (ITMB) BSc 3yrs	UCAS code GN51	51
Information Technology Management for Business with Industrial Experience (ITMBIE) BSc 4yrs	UCAS code GN5C	51
Integrated Masters in Planning with Real Estate 4yrs	UCAS code IG23	97
International Business, Finance and Economics (IBFE) BSc 3yrs	UCAS code N1N3	51
International Management (IM) BSc 4yrs	UCAS code N247	51
International Management with American Business Studies (IMABS) BSc 4yrs	UCAS code N2T7	51
Italian Studies BA 4yrs	UCAS Code R300	88

J

Japanese Studies BA 4yrs	UCAS Code T200	88
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L

Law LLB 3yrs	UCAS code M100	74
Law with Criminology LLB 3yrs	UCAS code M1M9	75
Law with Politics LLB 3yrs	UCAS code LM21	75
Life Sciences BSc 3yrs	UCAS code C102	76
Life Sciences with a Foundation Year BSc 4/5yrs	UCAS code C900	78
Linguistics BA 3yrs	UCAS Code Q100	79

M

Management BSc 3yrs	UCAS code N201	50
Management (Accounting and Finance) BSc 3yrs	UCAS code NN24	51
Management (Human Resources) BSc 3yrs	UCAS code N600	51
Management (Innovation, Sustainability and Entrepreneurship) BSc 3yrs	UCAS code N200	51

Management (International Business Economics) BSc 3yrs	UCAS code N246	51
Management (International Studies) BSc 3yrs	UCAS code N120	51
Management (Marketing) BSc 3yrs	UCAS code N2N5	51
Management and Leisure BA 3 yrs	UCAS code N870	80
Master of Planning MPlan 4yrs	UCAS code K400	96
Materials Science and Engineering BSc 3yrs	UCAS code J500	80
Materials Science and Engineering MEng 4yrs	UCAS code J501	80
Materials Science and Engineering with Biomaterials MEng 4yrs	UCAS code F201	80
Materials Science and Engineering with Corrosion MEng 4yrs	UCAS code F203	81
Materials Science and Engineering with Metallurgy MEng 4yrs	UCAS code F200	81
Materials Science and Engineering with Polymers MEng 4yrs	UCAS code F204	80
Materials Science and Engineering with Textile Technology MEng 4yrs	UCAS code F205	81
Mathematics and Statistics BSc 3yrs	UCAS code GGC3	82
Mathematics and Statistics MMath 4yrs	UCAS code GG13	82
Mathematics BSc 3yrs	UCAS code G100	82
Mathematics MMath 4yrs	UCAS code G104	82
Mathematics with Financial Mathematics BSc 3yrs	UCAS code G1NH	82
Mathematics with Financial Mathematics MMath 4yrs	UCAS code G1NJ	82
Mechanical Engineering BEng 3yrs	UCAS code H300	83
Mechanical Engineering MEng 4yrs	UCAS code H303	83
Mechanical Engineering with Management BEng 3yrs	UCAS code H3N1	83
Mechanical Engineering with Management MEng 4yrs	UCAS code H3ND	83
Mechatronic Engineering BEng 3yrs	UCAS code HH36	64
Mechatronic Engineering MEng 4yrs	UCAS code HHH6	64
Medical Biochemistry BSc 3yrs	UCAS code C724	76
Medicine MBChB 5yrs,	UCAS code A106	84
Microbiology BSc 3yrs	UCAS code C500	76
Middle Eastern Languages BA 4yrs	UCAS Code T608	85
Middle Eastern Studies BA 3yrs	UCAS Code T601	85
Modern History with Economics BA 3yrs	UCAS Code V136	73
Modern Middle Eastern History BA 3yrs	UCAS Code V140	85
Molecular Biology BSc 3yrs	UCAS code C720	76
MusB and PgDip RNCM 4yrs	CUKAS Code 399F	88
Music and Drama BA 3yrs	UCAS Code WW34	88
Music MusB 3yrs	UCAS Code W302	88

COURSE INDEX

N

Neuroscience BSc 3yrs	UCAS code B140	77
Neuroscience MNeuroSci 4yrs	UCAS code B141	77

O

Optometry BSc 3yrs	UCAS code B510	90
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P

Petroleum Engineering BEng 3yrs	UCAS code H850	90
Petroleum Engineering MEng 4yrs	UCAS code H851	90
Pharmacology BSc 3yrs	UCAS code B210	76
Pharmacology and Physiology BSc 3yrs	UCAS code BB12	76
Pharmacy MPharm 4yrs	UCAS code B230	91
Philosophy BA 3yrs	UCAS Code V500	92
Philosophy and Criminology BA (SocSci) 3yrs	UCAS code VL53	92, 105
Philosophy and Politics BA (SocSci) 3yrs	UCAS code VL52	92, 105
Physics BSc 3yrs	UCAS Code F300	93
Physics MPhys 4yrs	UCAS Code F305	93
Physics with Astrophysics BSc 3yrs	UCAS Code F3F5 (MPhys F3FA)	93
Physics with Philosophy BSc 3yrs	F3V5 (MPhys FSVM)	93
Physics with Study in Europe MPhys 4yrs	UCAS Code F301	93
Physics with Theoretical Physics BSc 3yrs	UCAS Code F345 (MPhys F346)	93
Physiology BSc 3yrs	UCAS code B120	77
Plant Science BSc 3yrs	UCAS code C200	77
Politics and Criminology BA (SocSci) 3yrs	UCAS code LM29	98, 105
Politics and International Relations BSocSc 3yrs	UCAS code L200	98
Politics and Modern History BA 3yrs	UCAS Code VL12	73
Politics and Social Anthropology BA (SocSci) 3yrs	UCAS code LL26	98, 105
Politics and Sociology BA (SocSci) 3yrs	UCAS code LL23	98, 105, 106
Politics, Philosophy and Economics BA 3yrs	UCAS code LV25	98, 99
Psychology BSc 3yrs	UCAS code C800	99

R

Religions and Theology BA 3yrs	UCAS Code V600	102
Russian Studies BA 4yrs	UCAS Code R700	88

S

Science with an Integrated Foundation Year 4/5yrs	UCAS code F008	103
Social Anthropology BSocSc 3/4yrs	UCAS Code L600	104
Social Anthropology and Criminology BASS 3yrs	UCAS Code LM69	104
Social Anthropology and Philosophy BA (SocSci) 3yrs	UCAS code LV65	104, 105
Social Anthropology and Sociology BA (SocSci) 3yrs	UCAS code LL63	104, 105, 106
Social Sciences: Philosophy and Politics BA (SocSci) 3yrs	UCAS code VL52	98
Sociology BSocSc 3yrs	UCAS code L300	106
Sociology and Criminology BA (SocSci) 3yrs	UCAS code LM39	105, 106
Sociology and Philosophy BA (SocSci) 3yrs	UCAS code LV35	105, 106
Software Engineering BSc 3yrs	UCAS code GG6K	58
Software Engineering MEng 4yrs	UCAS code GG64	58
Spanish, Portuguese and Latin American Studies BA 4yrs	UCAS Code RR45	88

T

Textile Science and Technology BSc 3yrs	UCAS Code JJ49	107
Theological Studies in Philosophy and Ethics BA 3yrs	UCAS Code V610	103

U

Urban and Regional Planning BA 3yrs	UCAS code K402	96
Urban Studies BSc 3yrs	UCAS code K421	97

Z

Zoology BSc 3yrs	UCAS code C300	77
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SMALL PRINT

EQUALITY AND DIVERSITY

You may find studying and living in Manchester quite different to your home country, especially from an equality, diversity and inclusion perspective. We have a number of policies, procedures and guidance documents that you can access to ensure you are treated equally and with dignity and respect.

Further information, confidential advice and guidance are available from our Equality and Diversity Unit:

+44 (0)161 306 5857
text: +44 (0)7943 600 656
equalityanddiversity@manchester.ac.uk
www.manchester.ac.uk/connect/jobs/equality-diversity

DISABILITY SUPPORT

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

If you have additional support needs, you can contact our University Disability Support Office (DSO). They offer confidential advice and you can discuss any support needs you may have, the arrangements that may be necessary and the extent to which appropriate support may be available. In addition to supplying support and guidance, a member of our DSO will be pleased to meet you by prior arrangement, if you would like to discuss your requirements in person.

Additionally, the admissions officer of the academic School in which you are interested can provide advice about aspects of the course.

+44 (0)161 275 7512/8518
disability@manchester.ac.uk

STUDENT CHARTER

One of our University's three core goals is "to provide a superb higher education and learning experience to outstanding students, irrespective of their backgrounds, and to produce graduates distinguished by their intellectual capabilities, employability, leadership qualities and their ability and ambition to contribute to society."

Our Student Charter, developed jointly by the University and the Students' Union, is an important part of how we establish and maintain clear mutual expectations for the experience of all students. It sets out what we can expect from each other as partners in a learning community. The Charter provides an overview of the Manchester experience and refers to regulations, policies and procedures.

Find the full Student Charter online:
www.studentnet.manchester.ac.uk/enhancing-my-experience/charter

TERMS AND CONDITIONS

Terms and conditions relating to an offer of admission to The University of Manchester are available to download from our website:
www.manchester.ac.uk/study/undergraduate/applications/after-you-apply/receiving-offer

We encourage you to review this document before accepting an offer from us.

USEFUL WEBLINKS

Information for international students

www.manchester.ac.uk/international

Undergraduate courses and information

www.manchester.ac.uk/undergraduate

Qualification equivalency

www.manchester.ac.uk/international/country

Careers and employability

www.manchester.ac.uk/careers

University accommodation

www.manchester.ac.uk/accommodation

English language courses

www.manchester.ac.uk/langcent

University and Colleges Application Service (UCAS)

www.ucas.com

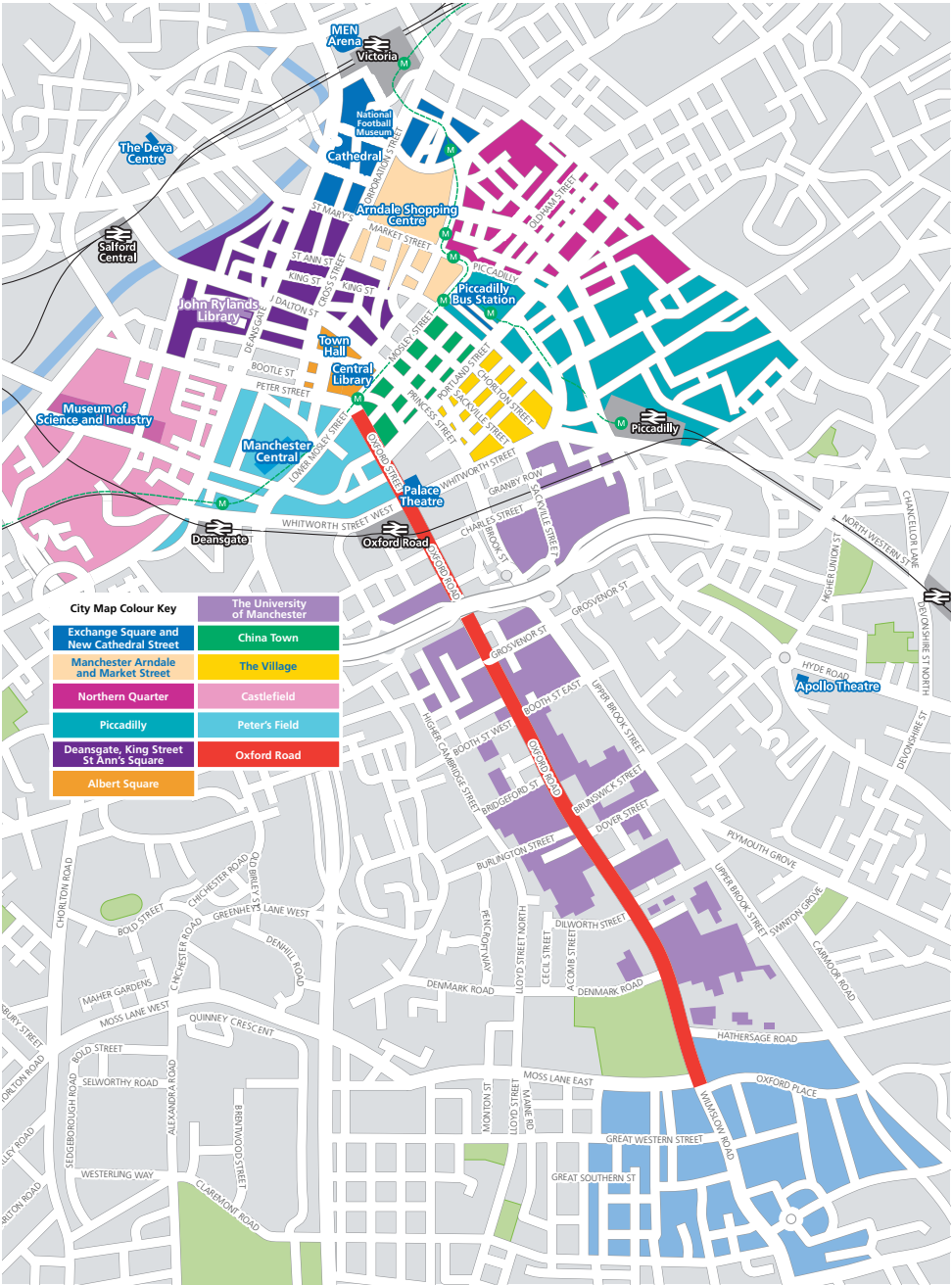
Manchester tourism

www.visitmanchester.com

ACCOMMODATION MAP



CITY MAP



The University of Manchester
Oxford Road
Manchester
M13 9PL
United Kingdom

www.manchester.ac.uk



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