MANCHESTER 1824 The University of Manchester THE UNIVERSITY OF MANCHESTER Undergraduate PROSPECTUS 2014 ENTRY www.manchester.ac.uk

As well as reading this prospectus...

Visit www.manchester.ac.uk

Visit our website for lots more information, including full course profiles.

Join our online admissions community

Admissions information and the latest University news are available on Facebook

(facebook.com/AdmissionsUoM) and Twitter (@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.

Come and visit us

We run guided visits of our campus on most Wednesday afternoons from November to March, and a more limited schedule of visits from April to October. Starting at 1.30pm and finishing at 3.30pm, guided visits include a presentation on the University and a campus tour led by one of our students.

If you can't make any of the guided visits, you're welcome to have a look around our campus independently. Our Visitors Centre (building 37 on the campus map, see *p214*) can provide maps and information, and is open Monday to Friday, 9am to 5pm.

We also run accommodation tours of some of our halls of residence on the Fallowfield campus most Wednesday mornings between November and March, with a limited number of tours over the summer. You'll take a walking tour of the campus and see at least one student bedroom. Tours run from 10.30am until 12 noon and last for around an hour.

For more information, or to book a place on a guided visit or accommodation tour, call +44 (0)161 275 2077, or visit www.manchester.ac.uk/ug/opendays/othervisits.







Welcome	4	Accounting and Finance	54	Drama	93
Manchester people	6	Aerospace Engineering	56	Earth Sciences	96
The Manchester experience	10	Archaeology	58	Economics	98
Our research	12	Architecture	62	Economic and	
Our campus	14	Art History and		Social Studies	100
The city of Manchester	20	Visual Studies	63	Electrical, Electronic and Mechatronic Engineering	102
Accommodation	30	Business Studies	CF	Engineering and Science	102
Support	36	and Management	65	with an Integrated	
Library and IT	38	Chemical Engineering	70	Foundation Year	105
Study abroad	40	Chemistry	73	English Literature	
Careers	42	Chinese	78	and American Studies	106
Sport, health and fitness	44	Civil Engineering	80	English Language for Education	108
The Students' Union	46	Classics and Ancient History	83	Environmental Science	110
International students	48	Computer Science	85	European Studies	114
		Computing	89		
Finance	50	Dentistry and Oral		French	115
Our courses	52	Health Sciences	91	Geography	117

"The thing about Manchester is it's got a specific direction it's going in - which is upwards."

Professor Brian Cox School of Physics and Astronomy

ENCE

German	119	Medicine
History	121	Middle Eastern S
Human Communication	123	Modern Languag
Italian	125	Music
Japanese	130	Nursing and Mid
Joint Language courses	131	Optometry
Law	133	Petroleum Engin
Learning Disability Studies	135	Pharmacy and
Life Sciences	136	Pharmaceutical
Life Sciences with		Philosophy
a Foundation Year	145	Physics and Astro
Linguistics and		Planning and En
English Language	147	Management
Management and Leisure	152	Politics and
Materials Science	153	International R
Mathematics	156	Politics, Philosop
Mechanical Engineering	158	and Economics

edicine	160	Psych
ddle Eastern Studies	164	Relig
odern Languages	167	Russi
usic	169	Socia
rsing and Midwifery	171	Socia
otometry	173	Socio
troleum Engineering	175	Span Lati
armacy and harmaceutical Sciences	176	Texti
ilosophy	178	Smal
ysics and Astronomy	180	Map
nning and Environment	al	Cour
lanagement	182	
litics and nternational Relations	186	
litics, Philosophy		

188

Psychology	189
Religions and Theology	191
Russian	193
Social Anthropology	195
Social Sciences	197
Sociology	199
Spanish, Portuguese and Latin American Studies	201
Textiles	203
Small print	206
Maps	214
Course index	222



Welcome to The University of Manchester

We're influential and forward-thinking, down-toearth and friendly, and we'll give you an amazing university experience that's rooted in a rich heritage.

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.

We enjoy an international reputation for our pioneering research and innovation, which vitalise our undergraduate courses and introduce you to the latest thinking in your chosen field. Our problembased approach to learning will inspire you to think critically and creatively, cultivating your independence and making you more attractive to employers.

And best of all, you'll get to experience all of this at the heart of Britain's most popular student city.

We make things happen

We turn enthusiasm into achievement and groundbreaking theory into cutting-edge practice. That's why we're at the forefront of the search for solutions to some of the world's most pressing problems.

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

And we don't work in isolation. We have strong links with industry and the public services, and our research makes a real difference to people's lives across the world.

We know where we're going

We're on the way to becoming one of the world's top 25 universities – the preferred destination for the best teachers and students, where the highest academic values are cherished and your student experience is second to none

Our ambitious plans are backed by the biggest investment programme ever seen in UK higher education – we've already invested £750 million in buildings and facilities since 2004 and we're now putting another £1 billion into further teaching and student facilities.

We've got the people to do it

We have more Nobel laureates on our staff than any other UK university. You'll be taught by experts who are recognised internationally as being at the forefront of their subject – and who incorporate the very latest thinking and discoveries directly into your course.

We give you excellent job prospects

An annual review of the graduate market in 2012 named us the most targeted university in the UK by Britain's best-known employers.

Our Careers Service runs events and programmes developed with more than 4,000 graduate recruiters, from major multinationals to small- and mediumsized enterprises. 92% of our graduates go straight into employment or further study.

We offer much more than a degree

At Manchester you'll find the broadest range of opportunities outside of your studies for developing your interests and having fun. These include outstanding sports facilities, supported community volunteering, study abroad pathways, skillsdevelopment programmes, mentoring and much more

We'd love you to join us

Choose The University of Manchester and discover your own path to future success.

Manchester people

Manchester students are a diverse and dynamic bunch, drawn from all corners of the globe, with the energy and commitment to build a better future via an exceptional educational experience.

They learn quickly how to balance the demands of a rigorous education with the attractions of a fascinating student city, by enthusiastically making the most of the opportunities we offer.

Are you a Manchester student?

- You want practical experience as well as academic knowledge on courses designed in close collaboration with industry and informed by the best research, to make you more employable.
- You want to meet the world at the UK's biggest and most diverse university community, mixing with students from 180 countries and making friends for life at a place that prides itself on nurturing responsible global citizens.

- You want to take charge of your future, learning about potential career paths and prospective employers, so you can plan for an exciting future and find out what you need to do to succeed.
- You want to get to know and love Manchester, a vibrant, friendly and creative place with an enduring energy for progress and change.
- You want to develop confidence and independence, try new things and meet challenges head on, find your voice and form opinions, develop your inner drive and ambition, be inspired and get involved.
- You want to look outside of the University, to be challenged to view the world in different ways, to identify problems and find new ways of solving them.
- You don't want your future to happen to you. You want to make your future happen.

We have the largest alumni community of any campus-based university in the UK and many of our graduates hold positions of seniority in business, academia, politics, industry and the media.

Tom Bloxham

Chairman, Urban Splash

Sir Peter Maxwell Davies

Composer and conductor

Mark Kermode

Film critic

Sir Norman Foster

Architect and designer

Teo Chee Hean

Deputy Prime Minister and Minister for Home Affairs (Singapore)

HE George Maxwell Richards

President of the Republic of Trinidad and Tobago

Ian King

Business and City Editor of The Times

Benedict Cumberbatch

Actor

Sophie Raworth

Broadcaster and journalist

Lord Terrence Burns

Chairman, Santander

Winnie Cheung

Former Chief Executive, Hong Kong Institute of Certified Public Accountants

Sir Philip Craven

President, International Paralympic Society

Chuka Ummuna

Shadow Secretary of State for Business Innovation

John von Spreckelsen

Chairman, Thorntons plc

Sam Bain and Jesse Armstrong

Television comedy writers

Toby Jones

Actor

Jane Cocking

Humanitarian Director of Oxfam

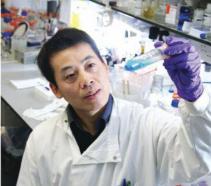


field. We're proud that our illustrious alumni retain lifelong connections with us,

"Manchester is a place for individuals, brilliant kids who like to do their own thing... and, if you are ready, it will release you to do the same."

The Virgin Guide to British Universities





Dr Qing Jun Meng Life Sciences

staff share their stories in the profiles that are scattered throughout this prospectus.

Alumni, students and

Professor Dame Tina Lavender Nursing, Midwifery and Social Work p184



Jack Burke History student and Student Volunteer of the Year 2012





Dr Jennifer O'Brien Geography graduate and Lecturer in Human Geography p128



Professor Brian Cox Physics and Astronomy p76



David AdlerNeuroscience student
p94





Sian Hughes
Politics, Philosophy and
Economics graduate
p162



The Manchester experience

Nowadays you need more than a strong academic qualification to achieve your potential as a graduate. That's why we give you the skills and opportunities to set you up for success throughout your life.

We challenge you to...

- · think critically;
- · question, reason and analyse;
- · take the initiative;
- · play an active role in teams;
- take charge of your learning and career development;
- cultivate advanced written and verbal communication skills;
- be proactive, seeking out opportunities beyond your course;
- value integrity and be a responsible citizen of the world.

We give you...

- Teaching by real experts, underpinned by internationally significant research and strong industrial links. You'll be taught by some of the best minds in the country who are world-leaders in their field. You'll find their passion infectious and their enthusiasm will rub off on you.
- Flexible, multidisciplinary courses that you can tailor to your interests and career ambitions. All our courses are divided into units, some of which are optional. The range of optional course units typically increases as you progress, often including units from other courses, or delivered by the Careers Service.
- Career development opportunities throughout your degree to help you prepare for a bright future. You can take part in workshops and gain work experience via our Careers Service. There are also opportunities for work placements and internships, or you could get involved in one of the city's festivals, such as the Manchester International Festival or Manchester Literature Festival.
- Courses that challenge your preconceptions and give you a greater understanding of what it means to be a responsible global citizen. Our Manchester Leadership Programme could form part of your degree, combining community volunteering with a course unit that explores topics such as ethical leadership and social responsibility.
- An education that encourages independent critical thinking and analysis. Rather than just being taught to pass exams, you will be assessed on the skills that employers value, such as how to work as part of a team, make presentations and tackle problems creatively.
- Individual support to help you take control of your learning and develop your confidence. An academic adviser will work with you to help you achieve your full potential and give you advice and assistance if the going gets tough.



- Personalised learning that puts you at the heart
 of your academic experience. As well as fantastic
 facilities, including our state-of-the-art Alan Gilbert
 Learning Commons, our virtual learning
 environment gives you study materials and
 activities online, as well as interactive sessions with
 staff and other students so you can juggle your
 study and personal life to suit you.
- The chance to satisfy your curiosity about the world. Our University College courses allow you to broaden your horizons and dip your toe into different disciplines. Drawing on the best teaching talent across the University, you can take courses that showcase Manchester's research and challenge conventional thinking exactly what university is all about.
- Hundreds of extra-curricular activities to help you develop different skills and have lots of fun too.
 The UK's biggest Students' Union offers an incredible choice of student societies for you to join. We also have excellent sports clubs, facilities and fitness programmes.
- Continual monitoring and improvement of your university experience. Our Directorate for the Student Experience is dedicated to enhancing your time with us, working in partnership with the Students' Union and academic departments to listen to and respond to your needs.

Our research

We are recognised at a global level for the quality and volume of our pioneering research.

In the last Research Assessment Exercise (RAE 2008) an impressive 65% of our research activity was rated 'world-leading' or 'internationally excellent', with most of the remainder judged to be of a quality that is 'recognised internationally in terms of originality, significance and rigour'.

We also emerged as one of the country's top research institutions, ranked third in the UK in terms of research power.

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 innovative discoveries that contribute to global knowledge.

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 and are making a real difference to the quality of people's lives.

Bringing research into the classroom

The best international teaching and learning institutions are also great research institutions, and The University of Manchester falls firmly into that category. Here you can mix with, and learn from, many of the best and brightest people in the world, in a stimulating and inspirational intellectual environment

You will be taught by 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 hitting the headlines one day may feature in one of your lectures the next.

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

Ranking	Top 10 universities by research activity judged to be "world-leading" (4*) or "internationally excellent" (3*)	University research activity at 4* and 3* as measured by number of full-time equivalent staff
1	University of Oxford	1,580
2	University of Cambridge	1,452
3	The University of Manchester	1,194
4	University College London	1,179
5	University of Edinburgh	1,029
6	Imperial College London	893
7	University of Nottingham	809
8	University of Leeds	773
9	University of Bristol	736
10	University of Sheffield	728

Source: HEFCE RAE 2008



Ali Jahran



OUR CAMPUS





Our campus

The best facilities for teaching, learning and living

We've completed the biggest investment in buildings and facilities ever seen at a British university, to create the best learning environment for you. Our iconic Victorian buildings are now joined by contemporary lecture theatres, laboratories, studios, computer labs and a host of student support services.

But things don't stand still at Manchester. We've just announced plans to invest a further £1 billion in our campus. In the next few years you'll see a new engineering campus, new centres for law and business, a major refurbishment of the library (already one of the largest at a UK university), a bigger, better

We offer you a safe and attractive living

students' union and a new medical school. We'll also be refurbishing our radio telescope at Jodrell Bank, one of the jewels in our crown.

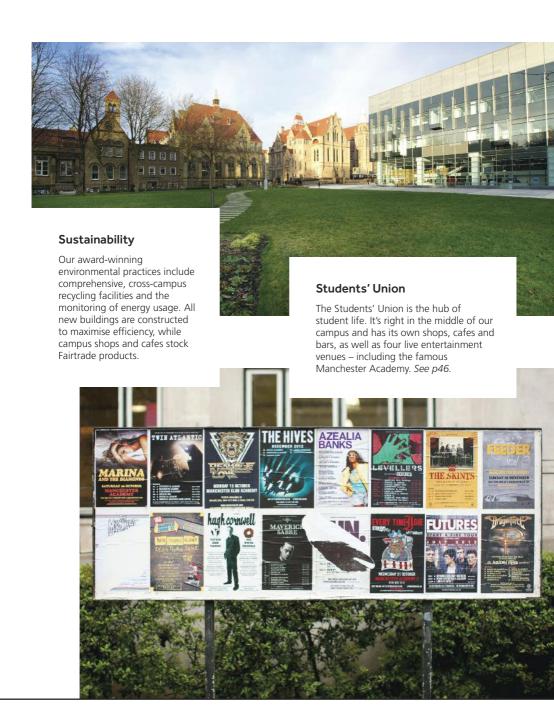
The University's main focus is along the bustling Oxford Road and we'll also be spending several million pounds on making this a better place to be for the whole Manchester community – including extensive tree planting and pedestrianisation in 2015.

Living here

environment, providing one of the widest choices of university accommodation in the country. See p30.









A new hub for learning

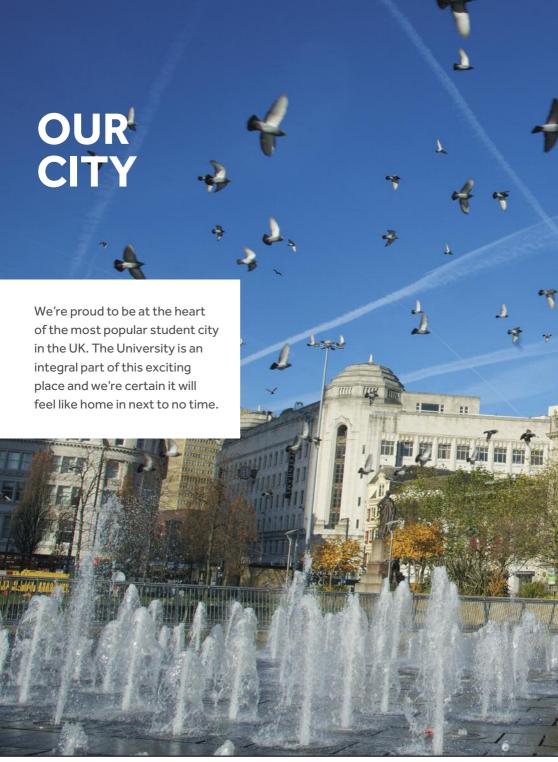
We're very proud of our new Alan Gilbert Learning Commons, which opened in 2012. This ultra-modern building emerged phoenix-like from a 1960s shell, and includes the most up-to-date IT facilities, lots of flexible learning spaces and a host of student-centred services

We developed the iconic £25 million building through consultation with our students. They helped design the furniture, provided the eclectic mix of art and defined the shape and use of the space by telling us exactly what they needed.

The building is designed to the highest standards of sustainability – even the lighting adjusts automatically, according to the level of natural light and the occupancy of the rooms.

The Learning Commons is open 24/7 and can accommodate more than 1,000 students. There are 30 bookable rooms and a variety of pods and spaces, making it great for group study or independent learning.







The city of Manchester

Manchester's unique character comes from its pioneering past – this is the place where the industrial revolution really took hold. It grew dramatically in the 19th century on the wealth created by cotton, and the city's amazing Victorian civic buildings, mills and factories shout 'This is Manchester. We've arrived'.

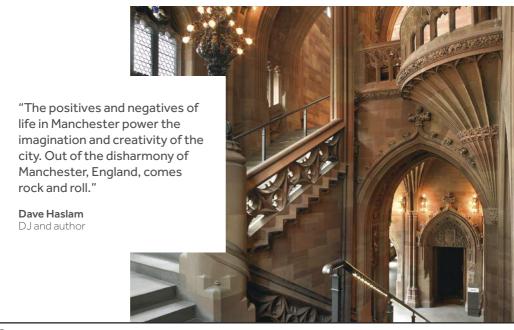
But it's not all about industry. Manchester shakes up the music scene, nurtures creativity and hosts international sporting events. Never content to live on past glories, this is a place that looks to the future with a passion for progress.

Art and culture

From classic art to the campaign for social justice to the history of football, Manchester's got an impressive range of museums and galleries, and many are free so you'll keep going back for more.

You can explore ancient worlds at the University's own Manchester Museum, or browse one of the world's finest collections of rare books and manuscripts at our John Rylands Library. 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. Important classic and contemporary art is on show at the Manchester Art Gallery and another University gem, the Whitworth Art Gallery. You'll also discover smaller permanent and pop-up galleries dotted all over the city.





RICE 3 CURRIES * DONNER KEBABS "Don't talk about what you are going to do, do it. That is the Manchester habit.
And in the past, through the manifestation of this quality, the word Manchester became a synonym for energy and freedom and the right to do and to think without shackles."

Sir Edward Abbott Parry Judge and dramatist

Festivals

Manchester's enduring energy and cosmopolitan creativity can be seen in its impressive array of festivals.

2013 marks the fourth outing of the biennial Manchester International Festival, with 18 days of world premieres. Future Everything brings art, digital culture, music and performance together, while Parklife and Dot to Dot present the best new music and dance acts.

Manchester Pride, one of the best gay festivals in the world, bursts on to the streets every year. South East Asian Culture is celebrated at the Manchester Mega Mela. The ¡Viva! film festival showcases Spanish and Latin American film, and the Manchester Literature Festival gives us the best in contemporary writing from across the world.

Nightlife

You'll be inundated with club promo offers the minute you arrive on campus and Manchester's thriving nightlife scene is reflected in its dazzling variety of clubs.

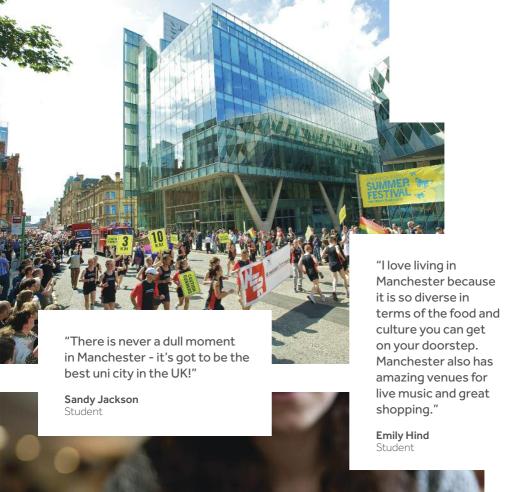
Notable names are superclub Sankeys, which attracts internationally acclaimed DJs, and The Warehouse Project, where the world's biggest dance acts come together in an old cotton mill. Recent headlining shows include Fatboy Slim, Soulwax and Chemical Brothers.

The Printworks is home to some of busiest and most popular venues: Tiger Tiger, Entourage and The Birdcage. Canal Street, known as the Gay Village, is lined with bars and clubs, including Alter Ego, G-A-Y, Crunch, Queer and New York, New York among others.

Deansgate and the Locks offer glamour at Avici While, Sugar Buddha and Sakura, or head to the Northern Quarter for some of city's best live music nights and DJ sets at Mint Lounge, Black Dog Ballroom and Hula Tiki Lounge.

You don't even need to venture off campus to have a good night out. Favourites include the Deaf Institute, which offers everything from grime to indie, motown to nu-disco, and reggae to electro. And Factory251, the former home of Factory Records, gives you dubstep and drum and bass, old school R&B and hip-hop.





Music and theatre

Manchester attracts some of the world's biggest bands and DJs, as well as plenty of up-and-coming talent.

Catch big names on international tours at the MEN Arena, Apollo or our own Manchester Academy. Discover new acts at Night and Day, Band On the Wall, Roadhouse and Matt and Phreds.

If classical is more your thing, you'll know that Manchester is home to the Hallé and BBC Philharmonic orchestras, which both perform at the Bridgewater Hall. Leading chamber orchestra Manchester Camerata can also be seen there, as well as at the Royal Northern College of Music, which stages a diverse programme of music.

Theatre and opera buffs can find everything from arias to musicals hot from the West End, while experimental theatre productions take place at the Palace Theatre, Royal Exchange, Contact Theatre and The Lowry.

Shopping

Manchester is renowned for its shopping, which encompasses brilliant British designers, established worldwide brands and quirky independent one-offs.

Market Street is the very definition of the modern British high street and a good starting point for any shopping trip. You'll find premium department stores Harvey Nichols and Selfridges at nearby Exchange Square, or head to King Street, Manchester's most upmarket shopping street for top designer emporia. The Northern Quarter is the place for independent shops that you won't find anywhere else and that embody Manchester's creative diversity.

"Manchester's got everything except a beach."





Sport

Manchester has long been synonymous with football thanks to Manchester United and Manchester City, but there's much more to discover here. In 2013 the Rugby League World Cup is being fought for in venues across Greater Manchester and the North West, culminating in the final at Old Trafford. We've also got rugby union, or you can watch national and international cricket at Lancashire Cricket Club, just outside the city centre.

Manchester is home to the victorious Team GB cycling team and Britain's first indoor Olympic cycling track at Sportcity, where you'll also find major squash, tennis and netball events. If you want to do more than just watch the action, you can hire a bike and helmet, and test the track at the Manchester Velodrome, learn to ski, snowboard or climb at the world's largest indoor ski slope or sign up for the annual Great Manchester Run, the nation's favourite 10k running event.

Food

Manchester has a great reputation for food and drink. It's a multicultural medley of gastronomic delights, with cuisine from practically every nation and to suit any budget, from high-class dining to top-notch takeaways. Try the biggest Chinatown in the UK outside London, or the famous 'Curry Mile' for starters. There's so much to choose from you'll still be discovering great new places to eat when you graduate.



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





With a major international airport on your doorstep and excellent road and rail links with the rest of the UK, Manchester is one of the most accessible cities in the country and the perfect base for exploring. You can enjoy a day out in Blackpool, a night out in Liverpool or a weekend getaway in the Lake District. If you're looking further afield, Manchester Airport can take you directly to 190 dectinations.



Accommodation

One of the most exciting things about coming to university for the first time is deciding where you're going to live. Whether you prefer traditional or modern, catered or self-catered, our huge range of student accommodation means we've got something for everyone.

One thing you can be certain of is that wherever you choose to live, Manchester will quickly become a home from home

We offer...

 guaranteed University accommodation to all new first years coming to live alone in Manchester;

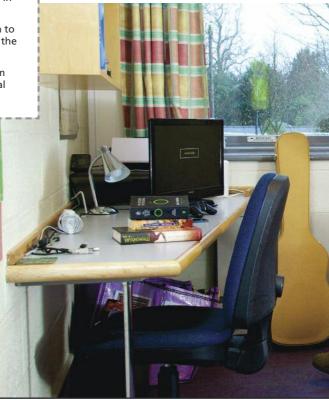
 guaranteed University accommodation to all international (non-EU) students for the duration of their studies:

 every type of housing imaginable, from modern self-catering flats to traditional collegiate-style halls of residence.

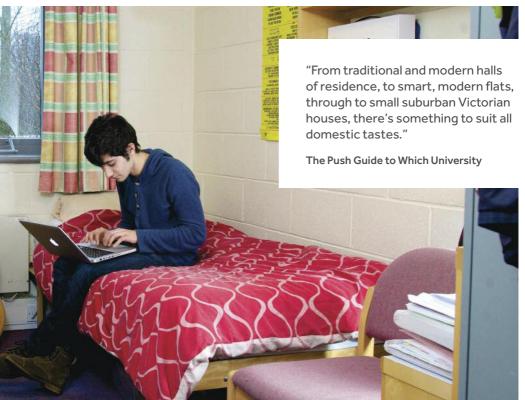
Our accommodation guarantee

If you're a new first-year undergraduate student coming to live here by yourself, we guarantee you a place in University accommodation. To take advantage of this offer, you must submit your accommodation application by 31 August and hold an unconditional offer to study here.

When applying, you will be asked to nominate your three preferred halls. Most applicants are allocated a room in one of their preferred halls, but we can't always guarantee that you'll get one of your preferences.









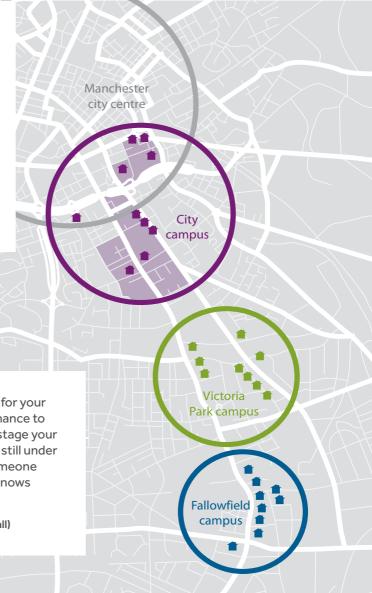
Most of our halls are based in one of the following three areas:

- City campus close to the city centre and at the heart of our teaching campus;
- Victoria Park campus a nearby suburb about a mile (2km) from campus;
- Fallowfield campus a student suburb less than two miles (3km) from campus.

For a map of our accommodation, see p220.

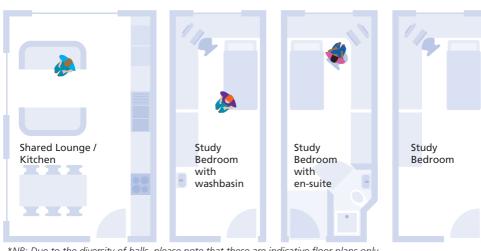
"Halls are a base camp for your big city adventure, a chance to meet new people and stage your own adventures, while still under the watchful eye of someone who, at least for now, knows better than you."

Jacob Carr (Dalton Ellis Hall)





Typical room plans*:



students. Some halls offer en suite facilities while others have shared

bathrooms.

Fees

Costs vary depending on facilities, but sample 2012/13 prices are:

- £96 per week for a single self-catering room with shared facilities:
- £122 per week for a single room with en suite facilities;
- £125 per week for a single room in a hall of residence with meals provided.

Special requirements

Let us know if you've got any special needs, such as a disability, medical condition or any special dietary requirements. As soon as you know you're coming to Manchester, simply get in touch and we'll do our best to help.

Family accommodation

We offer a variety of accommodation specifically for students with families and partners. These include double rooms and flats, but unfortunately demand exceeds supply, so this type of accommodation cannot be guaranteed. Contact us to discuss your requirements and we'll try to help.

Private accommodation

If you don't want to live in halls, you should contact Manchester Student Homes. They are the best source of information on privately rented student accommodation in Manchester.

"Living in halls is a must-do of the uni experience. There's always someone to talk to and something to do, support if needed, and lots of great friends to make. Dalton Ellis Hall ticked every box for me and made my first year an amazing time. Highlights were the meals, places to meet up, staff and the mix of students."

Rob Marsland (Dalton Ellis Hall)





"Halls are something you're only ever going to do once – an environment where everyone is sharing new experiences, having a crazy time and gaining independence. It's the easiest way to meet people you'll ever get and so many people are like-minded. There are also great sport opportunities."

Simon Willis (Richmond Park)

FIND OUT MORE

For more on University accommodation, including:

- full terms of accommodation guarantee
- how and when to apply
- · meeting your specialist requirements
- visiting our residences
- details on individual halls

www.manchester.ac.uk/

accommodation t +44 (0)161 275 2888 accommodation@manchester.ac.uk

FIND OUT MORE

For more on private accommodation, including:

- housing advice
- private student properties
- University-leased houses
- Manchester Student Homes code of standards

www.manchesterstudenthomes.com t +44 (0)161 275 7680 manchesterstudenthomes@ manchester.ac.uk

Support

We've got nearly 40,000 students, but we make sure that every individual who comes here gets all the support they need.

We offer you...

- specialist support services to help you look after your general well-being and keep you on track academically;
- experienced and sympathetic people, offering support and advice, to help you find a solution to any difficulty – financial, personal, academic or administrative.

Our Student Services Centre is the single point of contact for your administrative dealings with us, including questions relating to finance, immigration, student cards, exams or graduation. You can call in and speak to us in person, or contact us by telephone or email.

If you'd rather talk to fellow students, you can use the Students' Union Advice Service, which is staffed by professional advisors and specially trained student officers with expertise in welfare, academic matters and the particular needs of different student groups.

Health

You'll need to register with a local doctor for your main health care. Lists of doctors are available from our Student Occupational Health Service, our Students' Union Advice Service, local post offices or online at www.nhs.uk.

Our University Dental Hospital offers emergency dental treatment, while our Student Occupational Health Service provides advice and support in relation to health concerns that may affect your academic studies.

Counselling

Trained counsellors working within our University Counselling Service offer free, confidential advice on any personal problems affecting your work or well-being. There are also residential pastoral care teams who provide help and support in University-managed accommodation, including emergency duty cover at night and at the weekend.

Nightline is a listening and information telephone service run by students for students, providing a reassuring point of contact through the night.

Staying safe

We offer practical advice on the many simple precautions you can take to maximise your personal security and safeguard your possessions. We also have our own security service and closed-circuit TV system, making our campus and residences areas of low crime

Safety and security are issues in all big cities, but our excellent relationship with Greater Manchester Police helps keep you informed, so you can enjoy everything that Manchester has to offer without taking any unnecessary risks.

Disability support

If you have additional needs arising from a medical condition, a physical or sensory disability, a specific learning difficulty, such as dyslexia, or a mental health problem that affects your study, our Disability Support Office can offer support.

If you think you need extra help, we'd encourage you to make this known at the time of your application. You can contact us or visit us at any time to discuss your needs, and this can be in complete confidence if you prefer.

See p212 for more on disability support.

Childcare

Our nursery facilities are located conveniently close to campus. Places for children aged between six months and five years are available on weekdays, all year round, from 8.30am to 5.30pm, although due to high demand for some age groups you may have to join a waiting list. For more information call:

- Dryden Street Nursery +44 (0)161 272 7121
- Echoes Nursery
 +44 (0)161 200 4979
- Students' Union Advice Service +44 (0)161 275 8066 or +44 (0)161 275 8077

Religion

8,500 international students from 180 countries make our student population one of the most diverse in the UK. And the cosmopolitan city of Manchester has places of worship for most faiths and religions, including many on, or near, our campus.

Some areas on campus are reserved for quiet prayer and reflection, including dedicated Muslim prayer facilities. You'll also find student societies for most major religions based in our Students' Union.

Chaplains are available if you want to talk through problems, explore issues of faith or find information on local faith communities. They operate from the following chaplaincy centres:

- St Peter's House for the Anglican, Baptist, Methodist and United Reformed Church denominations, and for links to chaplaincies of other faiths: t +44 (0)161 275 2894
- Avila House for the Roman Catholic Chaplaincy t +44 (0)161 273 1456
- Hillel House for the Jewish Chaplaincy t +44 (0)161 226 1139

Care leavers

If you're a care leaver, we may be able to help you with your application and your studies once you arrive. We want to make sure you have access to appropriate support, so please email sgs@manchester.ac.uk at any time in complete confidence.

Equality and diversity

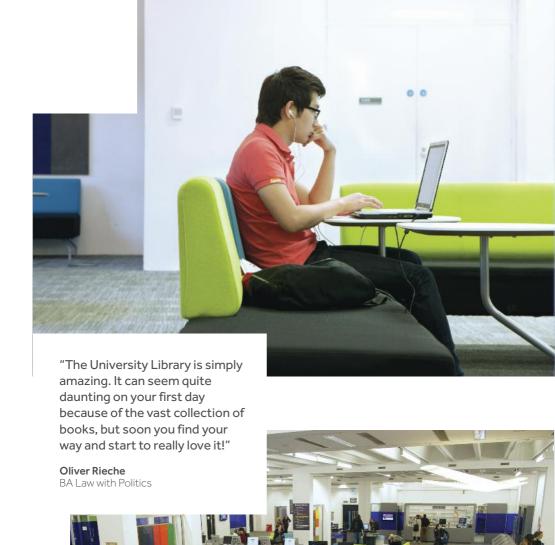
We are committed to providing you with a positive working and learning environment, free from discrimination, harassment, or victimisation. You can seek confidential advice and guidance on any equality and diversity issue from our Equality and Diversity Team.



http://my.manchester.ac.uk/guest

"Everyone is so nice. It can be daunting coming to a big city and a new university, but everyone's there to help you, and you just feel so welcome."

Lauren Meadows BA Social Sciences



Library and IT

With continuous investment in one of the biggest university libraries in the UK, several specialist libraries and extensive cross-campus IT facilities, we make sure you've got everything you need to be successful in your degree.

We offer you...

- · extensive learning and research facilities;
- one of the largest and best-resourced university libraries in the UK, with more than four million books:
- a dedicated IT provision that is constantly being updated to meet your requirements;
- e-learning resources unrivalled by any other UK university.

Our libraries

Alongside traditional library services, we offer selfservice facilities, state-of-the-art group study areas, an in-house binding service and Wi-Fi throughout.

And while the newly opened £24 million Alan Gilbert Learning Commons doesn't contain any books, it does offer a stimulating 24/7 environment for study, combining inspiring décor with flexible spaces and the latest in learning technology.

Across campus several specialist libraries offer subject-specific and tailored services. The John Rylands Library, a magnificent neo-Gothic building housing one of the world's finest collections of rare books and manuscripts, is also a thriving visitor attraction, with exhibitions and events taking place throughout the year.

Help and support

Our specialist library staff are there to provide advice, training and help whenever you need it. When you arrive we'll give you a full introduction to our services, and customer support is always close at hand to help you find the resources you need.

We provide facilities and extra help for disabled students, and there is even a text-help service for on-the-spot assistance if you can't find what you're looking for.

IT facilities

There are nearly 4,000 computers on campus, many within individual academic Schools and halls of residence. Our large computer clusters are open to all students and include access to laser printing and scanning facilities. Nearly all of our halls of residence offer Internet access and there is also extensive free Wi-Fi across campus.

When you become a Manchester student we'll give you an IT account that lets you access all our main computing services. We'll get you started on our email system, which includes 25GB of storage space, a calendar for managing your schedule, instant messaging and mobile phone compatibility.

If you get stuck, there's always someone on hand to help via our 24/7 IT support telephone line. You can also get help online or at one of our face-to-face service desks across campus.

Online learning

We provide an advanced virtual learning environment called Blackboard that gives you online access to course materials, interactive learning activities, self-assessment exercises and assignment submission, as well as the opportunity to have interactive discussions with teaching staff and other students.

With access to resources 24/7 – including via mobile devices – Blackboard complements your face-to-face teaching and is a hugely popular and flexible tool for busy students.



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

Study abroad

Our study abroad programme offers you the exciting opportunity to experience life in a different country as part of your course.

Students who opt in to this programme regularly tell us that studying abroad has been the highlight of their degree, from both a personal and an academic perspective. You will broaden your horizons, experience different cultures, learn or improve a foreign language and stand out from the crowd when you graduate.

We're expanding our international partnerships each year, and they currently include around 120 Erasmus universities in Europe and more than 70 universities worldwide. From Amsterdam to Zurich, from Auckland to Zhejiang, we've got a programme for you – and you don't even have to study a language to take part.

We offer you...

- the widest range and highest calibre of partner universities, including some of the top universities in the world – with no additional tuition fees;
- a commitment to the quality of student experience and support abroad – we work closely with our partners to ensure you have a safe and rewarding experience;
- a dedicated Study Abroad Unit to help you research your options and prepare for your time abroad.

Study abroad options

When and where you can study abroad depends on the course you choose. Some degrees (especially those with a language) include a year abroad, and these are generally four-year courses.

Many other courses allow you to study abroad for one semester, usually in Year 2, and this option allows you to graduate within the usual three years. Look out for the study abroad symbol in our course pages at the back of this prospectus.

Language requirements

Many of our Scandinavian, Dutch and German partners teach in English, as well as those in North America, Australia, New Zealand, Hong Kong, South Korea and Singapore, so you won't necessarily need to speak a foreign language to study abroad.

Of course, if you already have some knowledge of another language, studying abroad is the ideal opportunity to improve your fluency. And our University Language Centre offers courses for all students, so you can brush up your language skills before you go. See www.manchester.ac.uk/langcent for more details.

Fees and costs

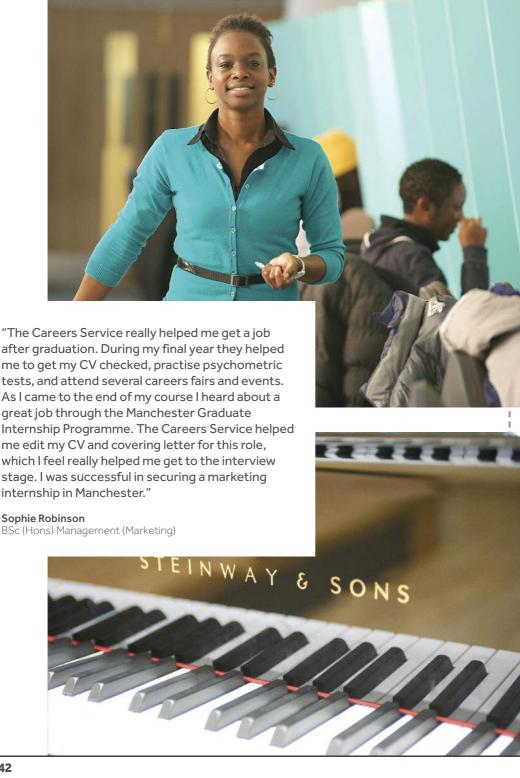
If you take a year abroad as part of a four-year course, the tuition fees applicable to the year abroad will be significantly reduced. You will not pay additional tuition fees to the partner university and you will still be entitled to your student loan while you're abroad.

If you're participating in an Erasmus exchange to Europe, you normally receive an Erasmus grant (around £160 per month) to help cover additional costs. If you're participating in a worldwide exchange, you'll need to budget for flights, visas and health insurance, as well as day-to-day living expenses.



www.manchester.ac.uk/ug/ studyabroad t +44 (0)161 275 3053 qoabroad@manchester.ac.uk





Careers

When you first come to Manchester you may have no real career plan in mind, or you might know exactly what you want to do. Either way, we offer you everything you need to take control of your future and give yourself the best chance of securing your ideal job after graduation.

Top employers target Manchester graduates, so we give you every opportunity to make important connections and find out about careers opportunities in your chosen field.

Each year our careers fairs, workshops and presentations attract more than 600 exhibitors and 20,000 visitors; no other university works harder to get your career off the ground.

We offer you...

- · access to more than 6,000 employers;
- careers advice from the day you arrive, including help finding part-time jobs and work experience to make you stand out from the crowd;
- opportunities to develop your skills by volunteering in the local community;
- one-to-one mentoring with experienced professionals;
- practical skills-development courses and workshops to boost your CV;
- a comprehensive careers website, plus an online vacancy mailing service, a dedicated careers Facebook group for your course, and the latest careers news and events via our blogs and on Twitter.

Careers development as part of your degree

Many of our academic Schools offer careers-related course units that count towards your degree. By selecting these units you can develop skills such as teamwork and commercial awareness – and many lectures are delivered by employers, so you can find out exactly what they are looking for.

In addition, our Manchester Leadership Programme (MLP) combines a credit-bearing 'Leadership in Action' course unit with up to 60 hours of voluntary work in the community. MLP is widely respected because you develop a range of transferable skills that employers like to see on your CV, while making a positive difference to the lives of local people.

Support after graduation

You can continue to use our Careers Service for two years after graduation. And if you don't have a job lined up, or would like more experience in a particular sector, you could also apply for the Manchester Graduate Internship Programme.

The programme offers paid graduate-level positions in Greater Manchester, allowing you to develop your career in the UK's best city to live in. Salaries may vary, but in 2011 the average was £15,000 per annum pro rata.



www.manchester.ac.uk/careers www.manchester.ac.uk/mlp t +44 (0)161 275 2828 careers@manchester.ac.uk

Sport, health and fitness

There are so many benefits to playing sport at university: staying fit and healthy, giving your brain cells valuable downtime from study and developing your team skills.

But most of all you'll be socialising with new friends and having plenty of fun. Our clubs, fitness programmes and classes offer you the perfect chance to compete in your favourite sport – or try something new.

We offer you...

- fantastic facilities, with discounted rates for students, including three fitness suites, two 50m swimming pools, and loads of indoor courts and outdoor pitches;
- more than 40 Athletic Union sports clubs to join;
- the widest range of activities for beginners;
- scholarships for performance athletes up to the value of £3,500;
- a whole city of sport, including Sport City, home to the Manchester Velodrome, a regional tennis centre, a national squash centre and a regional athletics centre.

Our facilities

Armitage Sports Centre

Recently extended, air-conditioned fitness suite with free-weights area; new outdoor multi-use courts; double-sized indoor sports hall; four squash courts; two new floodlit, 3G five-a-side football pitches; two full-sized floodlit artificial turf pitches; six grass pitches.

Sugden Sports Centre

Large air-conditioned fitness suite and free-weights area; six squash courts; two double-sized sports halls; outdoor 3G five-a-side pitch; multi-activity room.

Manchester Aquatics Centre

Two 50-metre swimming pools, plus a diving pool, fun pool, fitness suite, sauna, steam room and spa.

Wythenshawe Sports Ground

26 full-sized football pitches.

Organised sport

Athletic Union

More than 40 sports clubs cater for all levels, from beginners to elite athletes. Most compete on Wednesday afternoons in the British Universities and Colleges Sport leagues, where we are consistently ranked in the top ten.

Campus sport

Play recreational sport with friends in a series of leagues, where the emphasis is on having fun and being part of campus life.

Hall sport

A free timetable of fun sports and activities for students living in our halls of residence.

Getting involved – sport for all

You can keep fit and healthy via our extensive fitness and well-being programme. With dance classes, boot camp, holistic therapies, campus walks, jogs and more, there's something for everyone, so you've no excuse not to get involved.

You could also gain valuable work experience and develop your leadership skills via our Sports Volunteer Scheme. Our network of contacts with local schools and sports clubs gives you access to variety of roles, including coaching, officiating, sports development and administration.

Sport scholarships

If you're competing at a regional or national level, you could be eligible for support and funding through our Sport Manchester Scholarship Scheme. We'll help you balance your demanding training and competition schedule with the pressures of studying for a degree.



www.manchester.ac.uk/sport t +44 (0)161 275 4962



The Students' Union

Student life isn't just about studying. It's about making friends, going out, gaining skills and experience, taking a stand and getting the right support from the University.

That's why the Students' Union is here. To make sure that your life in Manchester is as varied and fulfilling as it can possibly be.

We offer you...

- the UK's largest students' union, with more than 300 student-run clubs, societies and campaigns;
- four live music venues, attracting the latest big-name and up-and-coming bands;
- the chance to make decisions about the Union and influence the way our University is run;
- free, confidential and impartial advice.

Societies and activities

We run over 300 student societies, so you can get involved in everything from philosophy to bhangra. And if you don't find what you're looking for, you can always start your own.

We also give you loads of great opportunities to enhance your CV. You could help out with our radio station, TV channel or student newspaper, or get involved in volunteering and charity work.

On top of all this we organise Pangaea, the biggest student-led festival in Europe. This biannual, not-for-profit event takes place across 14 indoor and outdoor spaces, and usually has around 50 acts on the bill.

Standing up for your interests

Each year we elect other students to represent the views and interests of all of us. When 40,000 voices become one, we can make ourselves heard on a local and national scale.

The main decision makers of the Students' Union are the Exec Team. Elected by you, they lead on implementing your ideas, running campaigns, supporting student-led activities and raising issues that are important to you.

You have the power to make real changes during your time in Manchester. You can get involved by standing for election, starting your own campaign, suggesting an idea for change, or voting in student elections.

Advice and support

We offer a free confidential support service run by professional advisors, where you can get information and advice on personal and academic issues.

With the exception of public holidays we're open 10am to 4pm all year round. You can make an appointment in advance, or just drop in if you prefer.

Venues and shops

We have four Manchester Academy music venues, which play host to the biggest acts around. From Foo Fighters to Kylie, we've had them all.

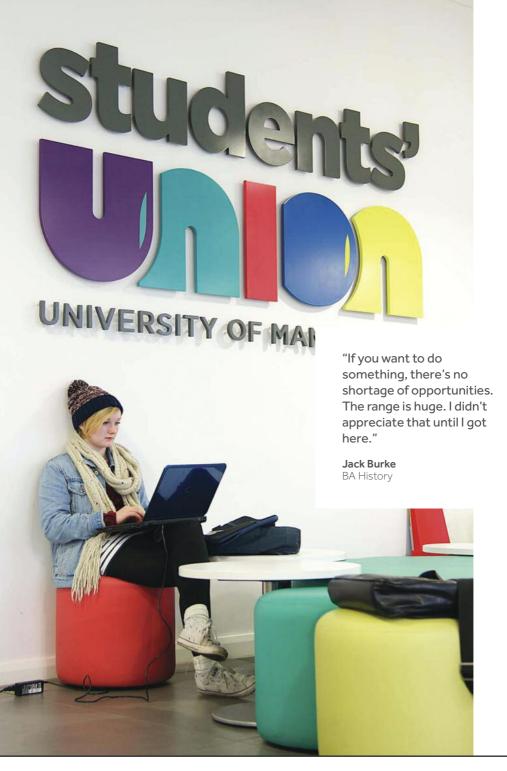
On top of this we have a great selection of places to eat and drink. Biko's Cafe is ideal for relaxing and grabbing a bite to eat between lectures, while the Union Bar provides a selection of tasty meals, cheap drinks and a great place to socialise.

We also have the Union Store, which sells clothing, stationery and other essentials, and the Grab and Go, where you can pick up a sandwich. And you can rest assured that every penny made from these services goes back into enhancing your student experience.



t +44 (0)161 275 2930 www.manchesterstudentsunion.com Twitter: @ManchesterSU

Facebook: facebook.com/manchestersu





International students

Coming to Manchester is a perfect opportunity to meet new people, experience a different way of life and enhance your career prospects by gaining a well respected degree.

Each year we welcome more international students than any other UK university, so whatever you study, you'll soon make new friends from across the world.

We offer you...

- a truly diverse university, welcoming more than 8,500 international students from 180 different countries:
- a friendly, multicultural campus at the heart of a vibrant city;
- a well respected degree that is highly rated by employers worldwide.

A tradition of academic 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 2012 survey ranked us fifth in the UK and 40th globally.

As the UK's largest campus-based university, we offer you the greatest breadth and diversity of courses. And our vibrant campus, which includes one of the UK's biggest libraries and a brand-new £24 million learning environment, is about to receive a further £1 billion of investment in new teaching buildings and student facilities.

Support

We want you to settle in quickly, enjoy your time in Manchester and be successful in your studies. That's why we offer you:

- a free airport collection service for new students arriving at Manchester Airport;
- a dedicated orientation programme upon arrival;

- professional, confidential advice on a range of issues, including immigration and visa guidance;
- the widest variety of student-based clubs and societies, including the International Society, which is dedicated to providing a supportive and social network for people of all nations;
- places of worship for all major faiths;
- an extensive range of pre-sessional English language programmes and free continuing English language support throughout your studies. For details visit www.manchester.ac.uk/langcent.

For more on student support, see p36.

Careers

We are recognised worldwide for the quality of our graduates. That's why international employers target Manchester graduates over those of other universities.

Our award winning Careers Service offers targeted help for international students, including a dedicated international careers blog, work experience for international students and advice on how to promote yourself in the global jobs market.

And thanks to our size and global reach, we have an extensive worldwide network of contacts, making it easy for you to connect with employers and alumni in your home country.

For more on careers, see p42.

Accommodation guarantee

If you come to Manchester unaccompanied and pay the overseas rate of fees, we guarantee you a place in University-managed accommodation, with free Internet access in most residences. For more details visit www.manchester.ac.uk/accommodation.

For more on accommodation, see p30.



www.manchester.ac.uk/international

Finance

If you've got the ability, finance shouldn't be a barrier to coming here and being successful. That's why we've invested in one of the most generous financial support packages in the UK.

More than a third of all our students will receive bursaries of up to £3,000 per year – and many will receive more. Remember you don't have to pay your fees up front and you can get plenty of information and advice to help you manage your money.

Financial basics for UK students

- The government provides tuition fee loans, which
 you only repay after you leave university and start
 to earn enough. Monthly repayments are a set
 percentage of your earnings over £21,000 and are
 not related to how much you owe in total.
- In 2013 we charged a headline fee of £9,000 per annum. Please note that this may rise in line with changes in the government fees cap.
- All eligible full-time students can get a
 maintenance loan to help with expenses such as
 accommodation, food and bills. You might also be
 eligible for a maintenance grant, which does not
 have to be repaid.
- We offer a discounted fee structure for students taking a year abroad or year in industry; some students will pay no fee for this year and no one will pay more than a fee of £3,000.

Bursaries and scholarships

The following awards are available for UK students:

The Manchester Bursary

Available to any of our students who is registered on an eligible* undergraduate course and has a household income below the relevant threshold, as determined by Student Finance. You can choose how to receive this support – either as a cash bursary or as a discount on your fees or accommodation bill. This bursary is additional to the government package of maintenance grants.

Residual household income	Award	Detail	
Up to £25,000	£3,000 in Year 1	£1,000 cash bursary and £2,000 fee or accommodation discount	
	£3,000 in subsequent years	£3,000 cash bursary or a £3,000 fee discount or a split between them	
£25,001 to £42,611	£2,000 each year	£2,000 cash bursary or a £2,000 fee discount or a split between them	

^{*}Some years of study within certain courses qualify for NHS funding. If you are eligible for NHS funding, you may not receive the Manchester Bursary in addition.

Foundation year bursaries

We offer generous financial support worth up to £5,000 for students on our foundation 'Year 0' courses in Medicine, Dentistry, Pharmacy, Life Sciences, Science and Engineering.

Residual household income	Award	Detail
Up to £25,000	£5,000	£1,000 cash bursary and £4,000 fee or accommodation discount
£25,001 to £42,611	£4,000	£1,000 cash bursary and £3,000 fee or accommodation discount

Opportunity Manchester Scholarships

A £1,000 annual scholarship will be awarded to students meeting either of the following criteria:

- You have successfully applied for a place here after completing the Manchester Access Programme for local Year 12/13 students:
- You are under the age of 25 and are, or have been, in public care for at least three months.

Faculty and School scholarships

Our Faculties and Schools also offer their own scholarships for students on certain courses. Details are available in the course pages of this prospectus, or on our website.

"The scholarships and bursaries I've received played a big part in my decision to choose Manchester. They let me concentrate on my course without having to worry about earning extra money to fund my studies."

Kamran Hussain

School of Law

Support for disabled students

UK students can access Disabled Students' Allowances for study-related disability support, and our Disability Support Office (DSO) can help you apply. Personal care support should be funded by your home local services department.

International students must ensure they have sufficient funding for their personal care needs. Contact the DSO for details of how much this might cost.

The Natalie Kate Moss Trust provides a limited number of scholarships for students who have had a brain injury, for example from a stroke or haemorrhage.

For more information email dso@manchester.ac.uk or visit www.manchester.ac.uk/dso.



For more on financial support, including videos, tips and advice, visit www.manchester.ac.uk/ studentfinance.

For more on government support visit www.gov.uk/studentfinance.

ICA 32	MEDICA SEC. 32	SECTION 47	EXCERPTA MEDICA SEC. 32	EXCERPTA MEDICA SEC. 32	MEDICA SECTION 47	EXCERPTA MEDICA SEC. 32
ATRY	PSYCHIATRY	VIROLOGY):SYCHIATRY	PSYCHIATRY	VIROLOGY	PSYCHIATRY
0	CO	R URS	30 SES	31 1975	3 1973	35 1977
	Entry rec	quirements		andvirkstex of exachester	CHEVERSITY OF MANCHESTER	GRITVERSITY OR MANCHESTER
Due to the breadth of courses available at Manchester, we are unable to publish the full range of our entry requirements in this prospectus. We have therefore included an indicative range of entry requirements for each broad subject area. Please note that this is not an exhaustive list, and does not include all subject-specific, GCSE or non-academic requirements that may also be required.						

English language requirements

You must be proficient in English language, the medium of instruction and examination in our University. The minimum standard for admission to most courses is GCSE English Language Grade C or above, or an International English Language Testing (IELTS) average score of 6.0. For courses that are more linguistically demanding, such as Law, Management and Medicine, requirements are normally higher.

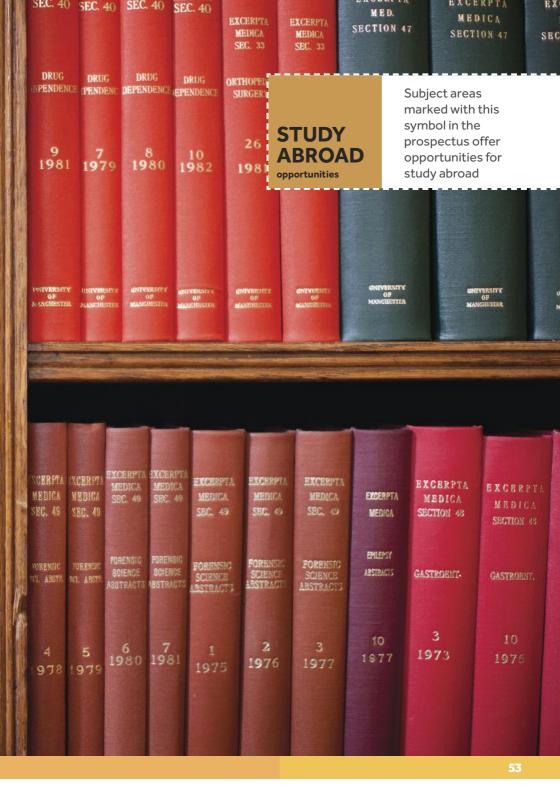
Have a look at our course index at the back of this prospectus for entry requirements to specific courses.

1979

1978

EXCERPTA EXCERPTA EXCERPTA MEDICA MEDICA MEDICA SEC. 30 SEC. 30 SEC. 30 PHARMACOLOGY PHARMACOLOGY PHARMACOLOGY TOXICOLOGY TOXICOLOGY TOXICOLOGY 48 46 47 1980 1979 1979

52





Accounting and Finance

TYPICAL OFFER

A-level: AAA-AAB IB: 35

For entry requirements to specific courses, see our course index at the back of this prospectus.

Accounting BSc 3/4yrs

UCAS Code N400

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 also Business Studies and Management, Economic and Social Studies.

WHY MANCHESTER?

- Excellent relations with professional and business communities in the city, many of whom work closely with us to inform your learning
- Choice of courses, giving you access to both diverse complementary subjects in our School of Social Sciences, or a specialist degree and fast-track to chartered accountancy at Manchester Business School (MBS)
- Teaching informed by cuttingedge research that meets international standards of excellence

Find out more...

BSc Accounting

www.mbs.ac.uk/undergraduate ug-mbs@manchester.ac.uk t +44 (0)161 306 3425/3401

Facebook: www.facebook.com/ mbsincomingundergraduates

YouTube: www.youtube.com/ manchestermbs

Twitter: @MBSnews

LinkedIn:

www.linkedin.com/company/ manchester-business-school

BA (Economic and Social Studies)

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

t +44 (0)161 275 4470/ 2291/1473/ 4748

MBS virtual open day

If you can't make it to one of our undergraduate events on campus, our virtual open day is the next best thing. Find out more about current students' experiences, our courses and our campus.

go.mbs.ac.uk/virtualopenday

Accounting and Finance at Manchester has a first-class reputation, taught by staff whose research is recognised as "world leading" and "internationally excellent" (source: RAE 2008). Our graduates are highly sought after; 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 key skills required to excel in today's competitive marketplace.

Your choice of course will depend upon whether you want our professionally oriented course (BSc), or prefer to study within a wider social sciences framework (BA Econ).

What you study

Accounting (optional paid internship) Run by MBS

Get a fast track to a career in accountancy with this innovative course, which integrates study of the theory and practice of

the theory and practice of accounting with the opportunity to gain relevant work experience.

We work in collaboration with the ICAEW's Undergraduate
Partnership Programme, which enables you to undertake a paid

enables you to undertake a paid internship in Year 3. Students have completed internships at KPMG, Ernst & Young, Mazars, Grant Thornton and Morgan Stanley. For further details, see: icaew.com/upp

54

Year 1: Study auditing and professional accounting practice, financial reporting and decision-making and management accounting, with foundation course units in quantitative methods, economics and law. Choose optional course units in management or related subjects.

Year 2: Develop analytical skills and gain more in-depth understanding of accounting theory and practice, including financial reporting and accountability and statement analysis. Study business strategy and business information systems, widen your knowledge of law and management accounting, and select an optional course unit in management or a related subject.

Internship (optional): Successful applicants for the paid internship spend an academic year working with a firm of professional accountants, or other approved financial organisation. Put theory into practice, further develop all-important transferable skills and get real insight into the profession.

Year 3: Consolidate practical skills and theoretical knowledge via a project course unit that incorporates group and individual projects and essays. Gain further specialised knowledge in areas such as taxation and auditing, broaden your understanding of the wider business context and enjoy substantial exemptions from professional accountancy exams (up to eight ICAEW ACA exams, seven ACCA and eight CIMA).

Find out more online: www.mbs.ac.uk/ug/accounting

BA (Economic and Social Studies) – specialising in Accounting and/or Finance

Run jointly by our School of Social Sciences and MBS

Enjoy opportunities to specialise in finance, accounting and finance, or economics and finance, against a social sciences background. Highly flexible, it enables you to change your specialism during Years 1 and 2.

Study abroad is available.

Year 1: Study accounting, finance, economics, maths/statistics and options from other subject areas, including government, politics and sociology.

Year 2: Study accounting and finance in more depth, with options to take other social science and language course

Year 3: Choose specialist areas of accounting and finance from a wide range of options, from auditing, to international finance. An important independent research project brings together your knowledge and skills attained over the entire degree.

Both our accounting courses offer you the chance to obtain exemptions from professional examinations. The level of exemptions depends on the course and options you select.

See Economic and Social Studies.

44

I was an audit assistant at KPMG at Canary Wharf in London. An intern at KPMG is treated like a graduate and I had a really varied workload. Working for a professional firm gave me a real insight into the business world: I have closely examined large firms such as TfL. Kier and Higgins. I made some great business connections and secured myself a graduate job with KPMG. I would recommend an internship to anybody - make the most of this opportunity while you can.

Andrew Simner BSc Accounting



Aerospace Engineering

TYPICAL OFFER

A-level: AAA-AAB IB: 37-35

For entry requirements to specific courses, see our course index at the back of this prospectus.

Aerospace Engineering BEng 3yrs

UCAS Code H400

Aerospace Engineering MEng 4yrs

UCAS Code H402

Aerospace Engineering with Management MEng 4yrs UCAS Code H4ND

Aerospace Engineering with Industrial Experience MEng 5yrs

UCAS Code H406

See also Engineering and Science with an Integrated Foundation Year.

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
- Excellent resources for information, computation and experimentation
- Professional accreditation by relevant UK institutions

Find out more...

www.manchester.ac.uk/mace ug-mace@manchester.ac.uk t +44 (0)161 306 9210

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 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 evolves to reflect state-of-the-art technology, giving you access to expertise in a wide range of engineering disciplines.

Plenty of staff contact and our high quality resources will ensure you a rewarding experience. Excellent student support includes an extensive tutorial system for academic support and pastoral care, student-to-student mentoring, a dedicated undergraduate office, and approachable, well-qualified and co-operative staff.

Professional accreditation

All our aerospace engineering Honours degrees are accredited by the relevant professional institutions. This means your degree will be recognised as providing the educational base for Chartered Engineer (MEng degree) or Incorporated Engineer (BEng degree). For details, see:

www.manchester.ac.uk/mace/u ndergraduate/accreditation

What you study

Year 1 establishes a strategic overview of the main areas of aerospace engineering and introduces the underlying science and mathematics, all taught in a challenging and active learning environment. Years 2 and 3 develop the key knowledge and understanding necessary to enter industry, or postgraduate study. This incorporates a major design project. Year 4 (for MEng. students) provides specialisation in engineering and consolidates practical experience via an advanced aerospace design project.

Aerospace Engineering

Year 1: Discover aircraft flight, spacecraft flight and aerospace systems, as well as modelling and simulation. Gain the basic knowledge and skills that are applicable to all areas of engineering, such as mechanics, heat, fluids, design and mathematics

Year 2: Start your detailed education in key areas of aerospace engineering. Course units in aircraft design, aircraft performance, flight dynamics and control systems provide the technical foundations for aerospace project work, while units in aerodynamics, propulsion, structures and dynamics provide the underlying scientific base. You also study further mathematics and numerical methods.

Year 3: Gain an integrated view of vehicles and systems, with reference to applicable sciences and technologies - and develop this through topics in aerospace design, systems, propulsion and structures and aerodynamics. exemplified by the holistic treatment of helicopters. Develop your appreciation of multidisciplinary technology and your skills in professional communication via a major design project. Undertake an individual project, fostering your competence in research and development.

Over the three years, all students follow the same course and reach the same level of study. This provides the grounding for careers in industry and for postgraduate study.

Year 4 (MEng): Develop skills and proficiency in specialist subject areas and undertake a major group design project that consolidates all previous experience and knowledge. This presents a realistic challenge in terms of novelty, creativity and innovation in design, and develops a systematic approach to design optimisation. Teams operate a typical development life cycle and the year-long exercise culminates in a major design review with invited observers from industry.

The final year of the MEng develops the technical skills and self-confidence necessary for leadership in industry and research.

Aerospace Engineering with Management

Ideal if you would like a career as an engineering project manager. You focus more on the study of management issues, displacing some of the engineering topics in favour of marketing, strategy and enterprise in Year 3, plus project finance and risk management in Year 4.

Aerospace Engineering with Industrial Experience

Combine the mainstream MEng course with one year of experience in the UK aerospace engineering industry, working on real projects and gaining invaluable experience as a practicing engineer.

Career opportunities

You could 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. Excelling in transferable skills such as simulation, problem-solving. design, management and modelling, enables graduates to adapt to new challenges and offers a broad insight into engineering solutions. You can also opt for careers in high technology, or pursue opportunities in business, management and finance.

As a graduate 'with Management', your combination of an engineering education and an awareness of business issues will increase your range of career options to include commercial and project management.

As a graduate 'with Industrial Experience', your engineering education is enhanced by handson engineering, giving you additional knowledge and skills that you can sell to an employer.

You have access to the best university careers services in the UK and help is available to you on all aspects of your career.



My University is a place where talent is praised and problems get solved. I have been awarded the Manchester Success Scholarship; the School paid in full for a prestigious summer school with the European Space Agency; and over the summer I developed two engineering projects of my own, one of which was generously paid for.

Bogdan Termegan MEng Aerospace Engineering





Archaeology

TYPICAL OFFER

A-level: ABB-BBB IB: 34-31

For entry requirements to specific courses, see our course index at the back of this prospectus.

Ancient History and Archaeology BA 3yrs

UCAS Code VV14

Archaeology BA 3yrs UCAS Code V400

Archaeology and Anthropology BA 3 yrs UCAS Code VL46

Archaeology and Art History BA 3yrs

UCAS Code VV43

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
- Teaching directly informed by contemporary global research
- Extensive training in archaeological fieldwork

Find out more...

www.manchester.ac.uk/ archaeology

ug-archae@manchester.ac.uk t +44 (0)161 275 4987

Archaeology at Manchester is an exciting and dynamic subject area where staff and students engage in a fascinating journey of discovery, investigating the immense wealth of human cultural diversity and achievement.

In a lively, stimulating environment, our enthusiastic team of 11 academics, with an international reputation for research, provide excellent standards of teaching and learning in a friendly community of more than 150 undergraduates and 30 graduate students.

Worldwide research and fieldwork

Your teaching is directly informed by our cutting-edge research throughout the world, including Britain, Ireland and western Europe, the Mediterranean, the Near East, Polynesia, Australia and Africa.

We emphasise both practical fieldwork skills and the intellectual frameworks within which modern archaeology is practiced. Fieldwork is a central component, ranging from archaeological digs to ethnographic research.

Up to one-third of our student body progresses onto postgraduate courses at Manchester or elsewhere; many more find employment in careers associated with archaeology.

What you study

Archaeology

Explore archaeology from the Palaeolithic period to the recent past, combining an understanding of period-based research with aspects of theory and practice. After a broad-based study of archaeology in Year 1, you progress to more specialised areas of interest in Years 2 and 3.

Fieldwork and excavation provide a core element and you are involved in a range of exciting field projects in Britain, Africa, the Eastern Mediterranean, the South Pacific or the Near East

Ancient History and Archaeology

Study the ancient Mediterranean empires alongside the archaeology of Britain, Western Europe, the Greek and Roman worlds, the Near East, Africa and Australasia. For two years, you study Ancient History and Archaeology in parallel, with more opportunity for specialisation in Year 3.

Throughout your degree, you can choose to follow a pathway that emphasises either archaeological fieldwork, or ancient history and languages.

Archaeology and Anthropology

Study this fascinating degree, which offers you not only a comprehensive knowledge of cultural diversity in the past, but also a sophisticated understanding of the social and material dimensions of human life. Develop the range of analytical and practical skills needed to understand and critically assess both past and present materiality and cultural life.

In Years 1 and 2, you study Anthropology and Archaeology in parallel, with more opportunity for specialisation in Year 3.

Archaeology and Art History

Gain a broad and dedicated knowledge of various aspects of the visual and material culture of different regions of the world (eg Europe, Africa, Pacific), from the Paleolithic, to the present day. After obtaining a broad-based knowledge in both subjects, you may choose to pursue both equally, or specialise in either archaeology or art history.

Career opportunities

A degree in Archaeology provides you with a wide variety of academic and practical skills that are highly valued by employers, such as communication skills, time management, interpersonal skills, project management and cultural/institutional sensitivity.

Many of our students have gone on to pursue careers in several different areas of archaeology, history, museums, galleries and cultural resource management, or have pursued further study through master's and PhD programmes. Others have benefited more generally from their wide skill set and found employment in law, education, financial services, industry, media and administration.



My archaeology degree has added to my knowledge of archaeological practice and theory. It has given me a firm ground on which to expand my own experience and has given me the opportunity to study something that I love. The degree also helped me gain confidence in my abilities and skills, which were crucial to gaining employment in the archaeology sector.

Kirsty Whitall BA Archaeology



Jack was awarded Student Volunteer of the Year in 2012. While he was studying he ran (and saved from closure) the Soup Kitchen project for homeless people in Manchester. He graduated in 2012 and now works full time for Student Action, running 26 student-led volunteering projects.

Manchester made me... a better leader

I came to Manchester because it has a buzz that I didn't feel at any other university campus. It's a great university but also a fantastic city. And I was instantly taken by it. There's so much else going on; the music scene and the sport are amazing. It's the whole package.

After my first semester I realised I needed to do something constructive. I found Student Action, the Students' Union volunteering organisation, which I now run. I put a lot of time into the Soup Kitchen and there were some problems when the council wanted us to move but we fought to stay put. We serve hot food and drinks to the homeless, but maybe the most important part is the human interaction. Many of the guys we work with beg on the street all day and don't have the opportunity to talk to any one about the issues they're facing. We also do outreach where we walk round town, handing out food and signposting other support and services. It can be quite harrowing but you do feel that you're making a difference.

When you're at university you can get stuck in a bubble. By volunteering you get out of that bubble and see the real city Student Action gives you the chance to embrace all the city's got to offer and to connect with the local community.

I'm a lot more confident than I was when I came to university because of al the volunteering I've done. It's given me the skills and confidence to go into the world of work. The situations you encounter when you do something like a soup kitchen certainly prepare you for the real world. I feel quite prepared for what's going to hit me in the future.





Architecture

TYPICAL OFFER

A-level: AAA IB: 37

For entry requirements to specific courses, see our course index at the back of this prospectus.

Architecture BA 3yrs

UCAS Code K100

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
- Considerable resources and expertise in teaching and research from both institutions
- A degree award from both institutions
- Supported by strong relationships with industry, the profession and the RIBA

Find out more...

www.manchester.ac.uk/ architecture www.msa.ac.uk sed.admissions@manchester.ac.uk t +44 (0)161 275 6923

What you study

Architecture education consists of five years of full-time study divided between two degrees. These are the three-year BA (Hons) in Architecture, followed by the two-year Master of Architecture degree, which carry exemption from the Architects Registration Board (ARB) and the Royal Institute of British Architects (RIBA) Part 1 and Part 2 examinations respectively.

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

Year 1: Develop your architectural creative process through a series of studio design projects and skills workshops. Our emphasis is on helping you begin to develop a way of thinking, working and designing as an individual designer with an understanding of human nature, space and content.

Year 2: Further develop your design processes, critical thinking and model-making skills. We test these through projects to develop your own design solutions. You develop ideas about and understanding of the city, and how this informs the production of space.

Year 3: Applying knowledge gained in Years 1 and 2, you develop and extend your understanding of contemporary architecture within a wide historical and theoretical frame. Ideas are tested in a major project, which offers you the chance to synthesise your design ideas through a focussed, researchinformed brief that you develop.

Career opportunities

Our graduates go on to work as architects for leading architectural and design practices, and in leading roles within the wider construction industry, or in aligned creative design disciplines.

Excellent opportunities also exist for you to undertake research for further postgraduate degrees.



Being an architecture student in a city as vibrant as Manchester has been full of exciting experiences. I also thoroughly enjoyed the study trips abroad, as they gave me a chance to learn through travel. I have learnt so much from the course and I can't see myself anywhere else!

Sheel DoshiBA Architecture

77



Art History and Visual Studies



TYPICAL OFFER

A-level: ABB IB: 36-33

For entry requirements to specific courses, see our course index at the back of this prospectus.

History of Art BA 3yrs UCAS Code V360

History of Art and a Modern Language (French) BA 4yrs UCAS Code RV13

History of Art and a Modern Language (German) BA 4yrs UCAS Code RV23

History of Art and a Modern Language (Italian) BA 4yrs UCAS Code RV33

History of Art and a Modern Language (Portuguese) BA 4yrs

UCAS Code RV53

History of Art and a Modern Language (Russian) BA 4yrs UCAS Code RV73

History of Art and a Modern Language (Spanish) BA 4yrs

UCAS Code RV43

See also Archaeology.

WHY MANCHESTER?

- Dedicated resources include special library collections, Manchester Museum and Whitworth Art Gallery
- Opportunities for volunteering and placements at Whitworth Art Gallery
- Many courses include fieldwork trips, plus you may study abroad in Europe, North America or Australia
- Long-established department with outstanding research and excellent teaching
- Wide coverage of art and architectural history, from ancient Greece, to modern and contemporary art, film, photography and performance

Find out more...

www.manchester.ac.uk/arts/ arthistoryvisualstudies ug-arthist@manchester.ac.uk t +44 (0)161 3061251

While the main emphasis of our extraordinarily diverse range of courses is on Europe, you could also study North American, Middle Eastern and Chinese art. Fieldwork is a central component at Manchester.

Art and architectural historians work in the same building as colleagues in Art Gallery and Museum Studies and Archaeology. We have our own subject area library and the main university library is nearby. The Special Collections of the John Rylands Library are an immensely rich study resource and we have very close links with the University's Whitworth Art Gallery (undergoing a £12 million renovation) and Manchester Museum.

We will warmly welcome you into our friendly, active community, where high standards of teaching and international levels of research ensure a lively, stimulating academic environment. You'll have excellent support from academic advisers and a student peer mentoring system. An active student-led society, the Art Group, organises talks, visits, and social events.

What you study

History of Art

Explore a broad range of areas within art and architectural history, from antiquity to the present day. We have particular strengths in modern and contemporary art, as well as Medieval and Renaissance art and architecture, and we offer plenty of opportunities to study non-Western subjects. A gallery studies pathway covers the history of museums, curating, and making exhibitions. A work placement module offers practical experience in this area. You can choose to specialise, depending on your interests, as you progress.

Archaeology and Art History

Gain a broad and dedicated knowledge of different aspects of the visual and material culture of different global regions (eg Europe, Africa, Pacific), from the Paleolithic to the present day. After obtaining a broad-based knowledge in both subjects, you may choose to specialise in either archaeology or art history.

See Archaeology.

History of Art and a Modern Language (French, German, Italian, Portuguese, Russian, or Spanish)

Get a firm grounding in both disciplines before spending Year 3 abroad, immersing yourself in the language and culture of an appropriate country. In Year 4, take a combination of course units that reflect the development of your interests throughout your course. You also have access to our well-equipped University Language Centre.

See Modern Languages

Career opportunities

Manchester has an outstanding careers service and an excellent employment record for our graduates. You could apply for work experience in museums and galleries, or get involved in University outreach projects and in widening participation in local schools

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 working in areas related to the arts.



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

Andrew Hardman BA History of Art





Business Studies and Management



TYPICAL OFFER

Business Studies A-level: AAB

IB: 35

Business and Management Run by MBS

A-level: AAB

IB: 35 with 6, 6, 5 in the higher level subjects

For entry requirements to specific courses, see our course index at the back of this prospectus.

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 NI 12

Business Studies and Sociology BA (Econ) 3yrs

UCAS Code NL13

Information Technology Management for Business BSc 3yrs

UCAS Code GN51

Information Technology Management for Business with Industrial Experience BSc 4yrs

UCAS Code GN5C

International Business, Finance and Economics BSc 3yrs

UCAS Code N1N3

International Management BSc 4yrs

UCAS Code N247

International Management with American Business Studies BSc 4yrs

UCAS Code N2T7

Management BSc 3yrs

UCAS Code N201

Management (Accounting and Finance) BSc 3yrs

UCAS Code NN24

Management (Human Resources) BSc 3yrs

UCAS Code N600

Management (Innovation, Sustainability and Entrepreneurship) BSc 3yrs

UCAS Code N200

Management (International Business Economics) BSc 3vrs

UCAS Code N246

Management (International Studies) BSc 3yrs

UCAS Code N120

Management (Marketing) BSc 3vrs

UCAS Code N2N5

See also Computing, Economic and Social Studies, Modern Languages.

WHY MANCHESTER?

- One of Europe's leading centres for business and management studies
- 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

Find out more...

Management, IM, IMABS, IBFE and ITMB

www.mbs.ac.uk/undergraduate ug-mbs@manchester.ac.uk t +44 (0)161 306 3425/3401

Facebook: www.facebook.com/ mbsincomingundergraduates YouTube: www.youtube.com/ manchestermbs

Twitter: @MBSnews

LinkedIn:

www.linkedin.com/company/ manchester-business-school

Business Studies

www.manchester.ac.uk/ socialsciences

baecon@manchester.ac.uk t +44 (0)161 275 4470/2291/1473/4748

MBS virtual open day

If you can't make it to one of our undergraduate events on campus, our virtual open day is the next best thing. Find out more about current students' experiences, our courses and our campus.

qo.mbs.ac.uk/virtualopenday



At Manchester, we offer you a comprehensive, contemporary education that is highly regarded by employers. Upon graduation, you will be able to carry out independent enquiry in business, management and related subjects, and demonstrate a wide range of skills highly sought after by employers.

Run by Manchester Business School (MBS), our BSc Management degrees offer you an applied approach to understanding business and management and the context in which they operate. You focus on the study of key disciplines, such as accounting and finance, economics, human resources, marketing, operations management and quantitative methods, and you could possibly take an international focus in your later years.

At MBS, 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). You could represent our School at global case competitions in your final year.

Run by our School of Social Sciences, with input from MBS, our BA (Econ) Business Studies degrees incorporate similar knowledge to our management degrees, 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 degree designed to give you 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).

What you study

International Business, Finance and Economics (IBFE) Run by MBS

Interested in contemporary economic events? Gain a sophisticated academic understanding of international business, with a contextual understanding of globalisation's reach and its social and economic effects, and the numerical and literacy skills required in today's job market.

Take an interdisciplinary approach to the study of international business, drawing on academic expertise from across MBS and our School of Social Sciences. We encourage you to think critically and independently, and to engage with competing academic and practitioner perspectives on international business issues.

Year 1: Study business, finance and economics via accounting and finance, micro and macroeconomics, mathematics and statistics, financial and digital innovation, and business and management skills; plus either international politics, or work, organisations and society.

Year 2: Study finance, managerial economics and international business strategy. Consider

options in accounting and finance, economics, globalisation, law and modern languages.

Year 3: Study international finance, managerial economics and international business analysis. Consider options in accounting and finance, contexts for international business, economics, law and modern languages.

Career opportunities

Interested in a career in banking and finance? IBFE is ideal. Our graduates have secured positions such as assurance associate, commercial strategist, finance trader and audit trainee, with employers including Barclays Capital, RBS, Zolfo Cooper, Grant Thornton, KPMG and PwC.

IBFE graduates have also developed careers in other corporate and public sector settings, including roles in consulting and general graduate schemes. Some have progressed onto law conversion courses and further study in finance, economics, management and international business at institutions across the globe.

Find out more...

www.mbs.ac.uk/ug/ibfe

Management / Management with a Specialism

Run by MBS

Enjoy a flexible course structure and wide range of options. These degrees share a common first year, making transfer between them straightforward, so you should apply for only one of them.

- Management Our general degree.
- Management (Accounting and Finance) – Learn how organisations finance their activities and how they keep track of their money.
- Management (Human Resources) – 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) – 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) – Learn about the international dimension of organisations' operations, particularly the economic, financial and investment aspects.
- Management (International Studies) – Study marketing, operations, finance and investment, or human resource management with an international focus.
- Management (Marketing) Focus on strategic marketing management, marketing research, product development, brand management, integrated marketing communications and/or retailing.

Year 1: As a potential future leader of industry, you need an understanding of the various disciplines underpinning management studies. Study accounting and finance, economics, work psychology, sociology, quantitative methods, marketing and business and management skills. A case study course unit gives you a practical understanding of the theories you learn in your first semester.

Years 2 and 3: Develop your own interests by choosing course units from various management-related disciplines – eg accounting and finance, economics, employment studies/law, marketing, operations management, psychology, sociology, information systems and statistics.

Management (Specialism) students start to specialise in their chosen area in Year 2. Choose at least one-third of your Year 2 options and half of your final-year options from core units in your specialist area, including an optional final-year dissertation or project. Select your remaining units from our wide-ranging management portfolio.

Career opportunities

Recent Management graduates have secured positions such as management trainee, audit graduate, HR graduate analyst and internet consultant, with employers including KPMG, Balfour Beatty, Tesco, Deutsche Bank and Microsoft. Others have pursued further study in business, economics, enterprise, languages and branding at institutions across the globe.

Find out more...

www.mbs.ac.uk/ug/management

International Management (IM)

International Management with American Business Studies (IMABS)

Run by MBS

Grab the chance to study (in English) for a year at a university or business school in Europe, South-East Asia, Australia, or New Zealand, on our four-year IM degree. We have 28 exchange partners in 16 countries.

Alternatively, spend a year in the USA or Canada on our IMABS course. We have 22 exchange partners across 11 US states and four Canadian provinces; most feature in the Financial Times global business school rankings top 100.

Year 1: Study the key disciplines underpinning management, including accounting and finance, economics, work psychology, marketing, quantitative methods, and business and management skills.

Year 2: IMABS students specialise in American history and culture and the fundamentals of the US political and economic system. IM students study international business strategy. All students then choose from a wide range of options, including human resources, marketing, strategy, information systems, innovation/technology management and various international issues.



Year 3: Study business and management overseas (see a list of our current partners: www.mbs.ac.uk/undergraduate /international-exchange)

Year 4: Back in Manchester, choose from a wide range of specialised international options across all key disciplines, with the opportunity to undertake a dissertation.

Career opportunities

Recent IM and IMABS graduates have secured jobs such as management trainee, wealth management analyst, territory manager and ACA trainee, with employers including ExxonMobil, HSBC (Beverly Hills), Bombardier (Sweden), Crown Worldwide (San Francisco), Google, Deloitte and Diageo.

Find out more...

www.mbs.ac.uk/ug/im www.mbs.ac.uk/ug/imabs

Information Technology Management for Business (ITMB)

Information Technology Management for Business with Industrial Experience (ITMBIE)

Run by MBS

We designed these degrees in collaboration with over 60 major employers (including IBM, Deloitte, Fujitsu, Unilever and the BBC) who need graduates who understand both business and IT, and have excellent project and team-working skills. Employer involvement is integral to these degrees, giving you early exposure

to real business problems. Many employers, including Accenture, British Airways, Microsoft, Ford, BT and Capgemini, recognise the unique nature of these degrees.

You focus equally on four major skills and knowledge areas necessary for a successful business or consultancy career in IT management: business; technology; personal and interpersonal skills; and project management. You learn primarily through team-based project work, supported by business mentors.

Year 1: Study course units across business, management and IT, including database design and development, human computer interaction and financial reporting. Collaborate on a team project, based on a real life business problem (current projects are supported by Credit Suisse and involve developing a web-based system supporting client management for investment bankers)

Years 2 and 3: Enhance your team-working, project management, business, management and IT skills through course units including virtual team-working, social media and social networks, and another team project. ITMBIE students take a course unit in industrial experience preparation before spending Year 3 in industry, returning to Manchester for their final year (previous students have completed placements with Fujitsu, IBM, Accenture, SAP, Logica, AstraZeneca and Intel, amongst others).

Final year: Focus on advanced topics in technology management and business applications. Half of this year comprises a choice of options. You also undertake an individual project (previous students have investigated how IBM uses technology to manage remote teams and the implications of social networks on management processes).

Career opportunities

Graduates have a broad understanding of management, together with knowledge of current and future developments in IT and how these may impact on business. Examples of jobs recent ITMB graduates have gone onto include technical analyst, business analyst, social media marketing intern and IT consultant, with employers including Credit Suisse, eBay, Accenture and IBM.

Find out more...

www.mbs.ac.uk/ug/itmb

BA (Econ) Business Studies

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

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

- Business Studies
- Business Studies and Economics
- Business Studies and Politics
- Business Studies and Sociology

Business is not just about a group of managers making decisions about an organisation. Politics, the economy and other social factors influence businesses and how they compete, both within a country and internationally.

Our Business Studies streams within the BA (Econ) 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 standard business studies topics such as human resource management, marketing and information technology.

This combination of social science disciplines – unique to the BA (Econ) – will provide 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.

Year 1: Develop various transferable and intellectual skills (eg informatics, numeracy and study skills), and study subjectbased material relating to different disciplines (eg economics, mathematics, statistics, computer applications, accounting and finance), to help you analyse business performance. Consider further enhancing your contextual understanding of the business environment by studying politics, or a qualitative social science such as sociology, gaining an essential appreciation of the organisational and behavioural dimension of business.

Year 2: Choices abound – eg pursue statistical or operations research options (extending numeracy), or undertake language course units (further transferable skills). If you are pursuing one of the joint specialisations, options exist to broaden your study in politics, economics and sociology.

Year 3: Choose from a greater number of subject-based options, and further develop your transferable skills (interpersonal and team environment) via a compulsory business analysis project. Many other course units, including those in accounting and/or finance, are also available to you in Years 2 and 3.

Career opportunities

Due to the large number of specialist areas on the BA (Econ), graduates have a wide variety of career opportunities. Graduates specialising in business-related degrees have pursued careers in management, consultancy, the Civil Service, finance, journalism and teaching.



The opportunity to study abroad at Copenhagen Business School was lifechanging. This experience undoubtedly developed my skills a great deal – personally, academically and professionally. I have found that the global element to my degree has helped to prepare me for working in an international company.

Hannah Salton

BSc International Management (2009)

Now human resource manager at British Telecom





Chemical Engineering

TYPICAL OFFER

A-level: AAA IB: 37

For entry requirements to specific courses, see our course index at the back of this prospectus.

Chemical Engineering BEng 3yrs

UCAS Code H800

Chemical Engineering MEng 4yrs

UCAS Code H801

Chemical Engineering (Business Management) MEng 4yrs

UCAS Code HN82

Chemical Engineering (Energy and Environment) MEng 4yrs

UCAS Code H8F4

Chemical Engineering with Biotechnology MEng 4yrs

UCAS Code H8C5

Chemical Engineering with Chemistry MEng 4yrs

UCAS Code H8F1

Chemical Engineering with Environmental Technology MEng 4yrs

UCAS Code H8F8

Chemical Engineering with Industrial Experience MEng 4yrs

UCAS Code H803

Chemical Engineering with Study in Europe MEng 4yrs

UCAS Code H810

For our Petroleum Engineering degrees, see Earth Sciences; see also Aerospace Engineering, Chemistry, Civil Engineering, Electrical and Electronic Engineering, Engineering and Science with an Integrated Foundation Year, Mechanical Engineering.

WHY MANCHESTER?

- Manchester is the birthplace of chemical engineering as an academic discipline, with a distinguished history
- Reputation as a world leader in industrially relevant research and teaching in chemical engineering and related subjects
- Leading employers in industry and business would rather recruit our engineering graduates than any 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)

Find out more...

www.manchester.ac.uk/ceas ug-chem-eng@manchester.ac.uk t +44 (0)161 306 9331 Join our friendly School and discover a stimulating environment with high quality teaching. Our long tradition of innovation and excellence is unrivalled: this 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.

What you study

All courses

Chemical engineering concerns the science, technology and management involved in making the materials and products needed by our society. Whichever course you choose, you 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. 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. If you choose a MEng degree, you study further options in your chosen specialism as well as core chemical engineering.



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 MEng

Study advanced Chemical Engineering options to gain a deeper understanding of fundamental Chemical Engineering subjects.

Chemical Engineering (Business Management)

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

Chemical Engineering (Energy and Environment)

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. Study specialist units related to energy, including energy systems, wastewater engineering technology and utility systems, distributed and renewable energy systems, and the nuclear fuel cycle. You will graduate both with a solid background in core chemical engineering and with additional expertise in a topic of major significance in the 21st century.

Chemical Engineering with Biotechnology

Consider the science of living organisms and systems and how they are translated into economic and safe products and processes – eg 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

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 up to industrial scale.

Chemical Engineering with Environmental Technology

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

Chemical Engineering with Industrial Experience

Spend Year 3 in industry. Your placement will vary depending on the company you are with. We have excellent industry contacts and will give you a lot of help finding a placement. Students have been placed in companies such as: AstraZeneca, British Sugar, BP, ICI Paint, Chevron Texaco, Kraft Foods, Schlumberger, Dupont, Syngenta, BNFL and Exxon Mobil.

Work on a project and learn about safety, health and environmental issues in industry and achieving targets and objectives. Enhance and extend your knowledge of Chemical Engineering and your skills relating to project work, design and industrial applications.

Chemical Engineering with Study in Europe

Benefit from language tuition in French, German, or Spanish during Year 2. This includes spoken language, grammar and some technical vocabulary. Take a year abroad in France, Germany, or Spain, attending lectures and tutorials, participating in group work, writing reports and taking examinations in the local language.



Career opportunities

You could pursue a career in industry as a design engineer, consultant, or manager; or choose to undertake research and development of new products and processes. Fields open to you are as diverse as food and drink, chemicals, oil, gas and petrochemicals, pharmaceuticals, toiletries, energy generation and disposal of waste.

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

If you follow a MEng course, your specialism can help determine your career. Specialists in biotechnology are particularly sought after in the fields of healthcare, nutrition and pharmaceuticals. Graduates with knowledge of chemistry, as well as chemical engineering, often follow careers in product development, while specialists in environmental technology are in demand to solve pollution problems and develop industrial processes that are less harmful to the environment.

Business management specialists are well placed for management roles within the chemical engineering sector, and also for careers in finance, consulting and marketing.

Chemical engineers with a European language have an advantage in career opportunities all over the world.



The sheer volume of knowledge and skills I acquired and applied during my placement and university studies has proven invaluable. I found the confidence to use my initiative. critically analyse results, and learn how to make appropriate changes to ensure feasible solutions are deduced. I found the experience rewarding, fascinating and very enjoyable.

Susannah Tess Cakebread-Brown

MEng Chemical Engineering with Industrial Experience







Chemistry

TYPICAL OFFER

A-level: AAB - ABB IB: 35 - 33

For entry requirements to specific courses, see our course index at the back of this prospectus.

Chemistry BSc 3yrs UCAS Code F100

Chemistry MChem 4yrs UCAS Code F109

Chemistry with Forensic and Analytical Chemistry MChem 4yrs

UCAS Code F1F4

Chemistry with Industrial Experience MChem 4yrs
UCAS Code F101

Chemistry with International Study (MChem) 4yrs UCAS Code F104

Chemistry with Medicinal Chemistry BSc 3yrs

UCAS Code F150

Chemistry with Medicinal Chemistry MChem 4yrs

UCAS Code F152

WHY MANCHESTER?

- External links with industry and internal multidisciplinary links that inform and improve our courses
- Internationally renowned research covering the full spectrum of chemical activity, ensuring courses based on the latest knowledge
- Wide choice of degrees, including options such as yearlong industrial placements in Europe or North America
- Extensive experience of all aspects of practical chemistry, including group research projects and final-year research projects
- Chemistry scored 92% in the 2012 National Student Satisfaction survey
- In the UK's top four for "research power" in Chemistry (Research Assessment Exercise 2008)

Find out more...

www.manchester.ac.uk/chemistry ug-chem@manchester.ac.uk t +44 (0)161 306 9271

Chemistry is a broad and exciting science that underpins one of the UK's largest industrial sectors. The School of Chemistry at Manchester is continuing its long and illustrious contribution to the subject, and we are currently one of the largest schools of Chemistry in the UK.

Our great 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 you multidisciplinary MChem courses that combine chemistry with other areas, such as forensic and analytical science, medicinal chemistry, industrial experience and international study. We also have BSc courses in Chemistry and in Medicinal Chemistry.

We are a major research university: the most recent HESA figures for research income show Cambridge, Oxford, Imperial, Bristol and Manchester as the top five earners (2010/11). As such, we expose our undergraduates to the very latest developments in the field. All our staff teach as well as carry out research, so you are taught by experts in each area, and we offer a wide range of undergraduate research projects that reflect the diversity of our research. Everything 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, takes place at Manchester.

Excellent links with industry and facilities include: the Knowledge Centre for Materials Chemistry; the Centre for Microporous Materials; the Centre for Radiochemistry Research; the Organic Materials Innovation Centre, the Dalton Nuclear Institute and the National Service for EPR Spectroscopy.



What you study

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, interfaces, materials and biological chemistry. Other course units cover a range of transferable skills, including presentational, quantitative, computer and IT skills. Finally, you can study subsidiary course units in other subjects.

Eligibility for continuation on the MChem course is based on your general performance and your Year 2 mark. If you do not reach the threshold mark required to enter Year 3 of the MChem, you will be transferred to the BSc course

Chemistry

BSc Final Year: Take core and advanced chemistry units, plus units available in other subjects. Practical work takes the form of a series of mini-projects. Four miniprojects provide experience in synthesis, measurement, computational chemistry, and you prepare a literature-based report.

MChem Year 3: Study chemistry in greater depth and breadth, including core chemistry and advanced options. Undertake a year-long group research project, gaining experience of working

independently and as part of a small group, as well as of report writing, designing your group research project, and presentation of your results.

MChem Year 4: Tailor this final year towards your own interests by choosing advanced chemistry options and other specialist lectures. Carry out an extended individual project associated with one of the research groups, which will consolidate many of the skills acquired in your Year 3 group project; it increases your experience of working independently and as part of a research group, designing project, literature-based report writing, research report writing, and presentation of your results.

Chemistry with Industrial Experience

Years 1, 2 and Final: Follow the core MChem course. In Year 2, you also get help in CV preparation and interview techniques, to help you find a placement in industry.

Year 3: Undertake a paid placement within the chemical industry. An academic tutor assigned to you will visit you twice during your placement. You also study two core chemistry units by distributed learning, using materials on a CD-ROM and online, and will write a placement report and give a presentation on your work.

Chemistry with International Study (MChem)

Years 1 and 2: Follow the core MChem, while studying your chosen language (where appropriate).

Year 3: Study Chemistry in a university outside of the UK. We link with a range of universities in Spain, Germany, France, Italy, North America and the Far East via the FRASMUS and Worldwide Universities Schemes. Our host universities have been carefully selected on the basis of their track record of academic excellence. their support of cultural exchanges and their aspirations for the continued all-round development of the student. Our course director keeps in touch with you, and you may be visited. You are assessed entirely via the marks obtained from your host university.

Year 4: As Chemistry MChem (above).

Chemistry with Medicinal Chemistry (BSc/MChem)

Ideal if you have a strong interest in the biological aspects of Chemistry. In addition to core Chemistry units, take course units such as: fundamentals of biochemistry; properties of medicines; fundamentals of drug discovery; the big killers; medicinal chemistry; advanced drug discovery; and synthesis for drug discovery and development. These units are taught jointly by lecturers from the pharmaceutical industry, our School of Chemistry and from other schools in the University.



BSc Final Year: Take core chemistry units, advanced chemistry units and units dealing with advanced aspects of medicinal chemistry, such as advanced drug discovery, and synthesis for drug discovery and development. Practical work takes the form of a series of miniprojects (see Chemistry BSc Final Year).

MChem Year 3: Take taught units as in the BSc, and perform a yearlong group project on a topic with a medicinal chemistry flavour (see Chemistry MChem Year 3).

MChem Final Year: Undertake an extended research project in organic chemistry (see Chemistry MChem Year 4) in association with one of our research groups, plus course units in chemistry, bioorganic chemistry and medicinal chemistry.

Chemistry with Forensic and Analytical Chemistry (MChem)

Discover a range of forensic and analytical techniques that complement your studies in core chemistry.

Years 1 and 2: Follow the core chemistry structure essential for your training. Gain a foundation in forensic and analytical work via specialist units in forensic/analytical chemistry and selected laboratory classes. Undertake a core unit: Introduction to the English Legal System.

Year 3: Progress

forensic/analytical work through the Year 3 group research project (see Chemistry MChem Year 3) and an advanced lecture unit.

Year 4: Take an extended research project (see Chemistry MChem Year 4) in association with one of our research groups, such as instrumentation and analytical science; plus specialist course units in pharmaceuticals, instrumentation and advanced analytical techniques ranging from nuclear magnetic resonance (NMR) and mass spectrometry, through to bioanalytical methods.

Career opportunities

Our graduates enter a wide range of careers. You will be numerate, literate, versatile, creative and skilled in problem solving.

Throughout the academic year, our School runs an extensive programme of employability events to further enhance your employment prospects, most of which are open to all students from all years. These events are run in collaboration with the University's Careers Service, involving various alumni, employers and the Royal Society of Chemistry, and include numerous drop-in sessions held in our Chemistry Building.

Depending on your degree, you may have additional specialist knowledge in analytical, medicinal, or forensic chemistry, or a European language. If you spend Year 3 abroad, you will gain highly soughtafter life skills and demonstrate a proven ability to adapt, attributes which will make you highly attractive to future employers.

Around half of our graduates get a first job directly using their chemical knowledge; 25% go onto a further degree; and the remaining 25% opt for diverse careers in such areas as finance, management. computing and IT.



Manchester is an exciting, vibrant city – a welcome contrast to my quiet home town. Forensics is a fantastic area of study and, combined with chemistry, opens up many career paths thanks to its applications of analytical skills, covering a wide variety of topics including drugs of abuse, DNA sequencing and even law. I know that the skills I am developing will benefit me, no matter what I do.

Benjamin Ball

MChem Chemistry with Forensic and Analytical Chemistry



Brian came to Manchester as an undergraduate Physics student 20 years ago and has never left. He is now Professor of Particle Physics and works with his research group on the ATLAS experiment at CERN in Geneva. He has also made three series for the BBC over the last three years and regularly appears on TV and radio.

Manchester made me... take science education outside of the University

I'm loving lecturing first-year Quantum Mechanics and Relativity. It's a superb way of enhancing your understanding of the subject. It ring-fences my time in Manchester 'doing' physics, it makes me think and means I can meet all the first-year students, which is good. And it means I'm not up a mountain in Namibia or somewhere!

Some people are surprised that I still do proper science. They think: 'you're on telly, so you can't do science' when in fact virtually everyone that presents science on the BBC has a PhD and most of them are active academics.

Being on TV wasn't part of a career plan. I just happened to be sat there at the Large Hadron Collider when someone came in with a camera! The Wonders of the Solar System series did a lot to broaden the appeal of science programmes. Stargazing Live too, which we did from the University's radio telescope Jodrell Bank, is tremendously successful around the world. It turns out that people are interested in astronomy. How surprising is that?

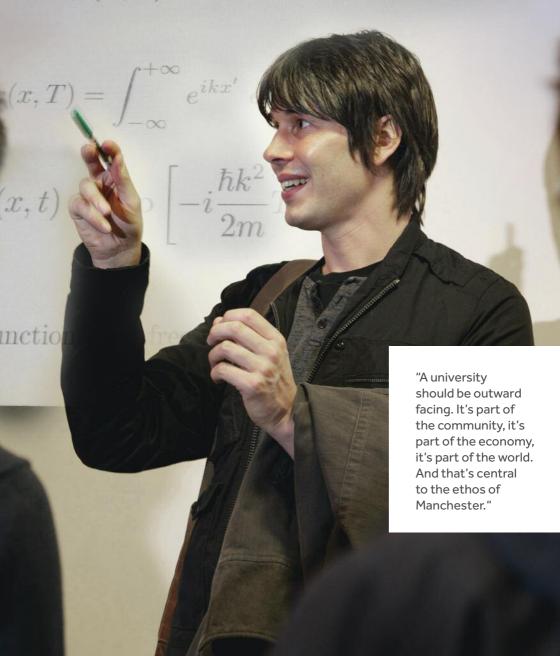
This University values education beyond its walls as much as it values education within its walls. A university should be outward facing. It's part of the community, part of the economy and part of the world. Manchester's academics, students and alumni are encouraged to spread the joy of learning and the joy of knowledge out there. It's clearly one of the best universities in the world. And it's like home to me.

corresponds to

 $\psi(x,0) \propto e^{ikx}$

Professor Brian Cox

School of Physics and Astronomy





Chinese

TYPICAL OFFER

A-level: ABB IB: 35

For entry requirements to specific courses, see our course index at the back of this prospectus.

Chinese Studies BA 4yrs UCAS Code T100

Chinese and Linguistics BA 4yrs

UCAS Code TQ11

Chinese and Screen Studies BA 4yrs

UCAS Code TW16

English Language and Chinese BA 4yrs

UCAS Code QT31

Modern Language and Business and Management (Chinese) BA 4yrs

UCAS Code NT11

You may also study Chinese at beginners', intermediate or advanced level with French, German, Italian, Japanese, Portuguese, Russian, or Spanish; see Modern Languages. See also Linguistics and English Language, and Joint Language Courses.

WHY MANCHESTER?

- Excellent quality, range and flexibility of degree courses in Chinese
- Teaching by a diverse team of internationally recognised academic specialists in the field
- State-of-the-art resources in the University Library and University Language Centre
- Comprehension, translation, grammar and oral work taught by native Chinese speakers
- Spend a year in the People's Republic of China or Taiwan

Find out more...

www.manchester.ac.uk/alc ug.languages@manchester.ac.uk t +44 (0)161 275 3211

Our four-year degree courses enable you to either build on existing intermediate (ie AS-level pass or equivalent) or advanced (ie strong A-level pass or equivalent) knowledge of the language, or study it as a beginner.

We draw on expertise across our Schools of Arts, Languages and Cultures; Social Sciences; Environment and Development; and Manchester Business School – giving you a firm grounding in Chinese language and Chinese cultural studies, as well as in related fields of history, politics, sociology, management and economics.

As you progress, you may draw on the wide range of research expertise in Chinese studies across our Faculty of Humanities, increasingly tailoring your studies in line with the development of your interests.

What you study

Chinese Studies

Gain a firm grounding in Chinese language and contemporary Chinese culture, society, economy and politics, as well as in China's changing relations with the West. Study Chinese language throughout, developing various linguistic skills: speaking and writing accurately; understanding and analysing audio, visual and written material; using different registers; speaking to a group with confidence; and translating with appropriate sensitivity.

Choose China-related topics in politics, history, linguistic and cultural studies, cinema, economics, development studies, business and translation studies, drawing on the wide range of research expertise in Chinese studies. You should achieve a good mastery of the Mandarin Chinese language and develop a sound knowledge of Chinese culture, history, society, economy and politics, particularly in the context of China's place in the world at a time of globalisation.

Joint courses

In all of the following courses, you study both subjects equally in Year 1; in later years, you can maintain this balance or devote more weight to one subject or the other (subject to certain restrictions for ab initio Chinese learners).

Chinese and Linguistics

Combine the study of Chinese language, literature, society and history with the study of linguistics. You may take another foreign language at any appropriate level. In year one, you study both subjects equally; in later years, you can maintain this balance or devote more weight to one subject or the other (subject to certain restrictions for *ab initio* Chinese learners).

English Language and Chinese

Study the structure, history and varieties of English alongside general linguistics and sociolinguistics. Core Chinese language units are complemented by units in culture, society, literature, linguistics, history, thought and cinema. In year one, you study both subjects equally; in later years, you can maintain this balance or devote more weight to one subject or the other (subject to certain restrictions for *ab initio* Chinese learners).

Modern Language and Business and Management (Chinese)

Study business and management in European and global contexts. as well as the Chinese language and culture. Core language course units are complemented by units covering aspects of Chinese culture, society, literature, linguistics, history, migration, thought and cinema. You also study aspects of management, economics, finance, accounting and international relations. . In year one, you study both subjects equally; in later years, you can maintain this balance or devote more weight to one subject or the other (subject to certain restrictions for ab initio Chinese learners).

See Modern Languages.

Chinese and Screen Studies

Combine the study of Chinese language, literature, cinema, society and history, with the study of core course units in understanding film, its history and pre-history, and its development across other media (such as television, DVD, internet distribution).

In year one, you study both subjects equally; in later years, you can maintain this balance or devote more weight to one subject or the other (subject to certain restrictions for *ab initio* Chinese learners).



The Chinese course at Manchester has definitely exceeded my expectations. I've been impressed by the speed at which I have managed to acquire the language, particularly as I began the course at beginner's level. It's also been nice to have small, close-knit classes with native-speaking teachers.

Susannah Jones

BA English Language and Chinese



Civil Engineering

TYPICAL OFFER

A-level: AAA-AAB IB: 37-35

For entry requirements to specific courses, see our course index at the back of this prospectus.

Civil Engineering BEng 3yrs UCAS Code H200

Civil Engineering MEng 4yrs UCAS Code H201

Civil Engineering (Enterprise) MEng 4yrs

UCAS Code H204

Civil and Structural Engineering MEng 4yrs

UCAS Code H220

Civil Engineering with Industrial Experience MEng 5yrs

UCAS Code H207

See also Engineering and Science with a Foundation Year.

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
- Excellent resources for information, computation and experimentation
- Professional accreditation by relevant UK institutions

Find out more...

www.manchester.ac.uk/mace ug-mace@manchester.ac.uk t +44 (0)161 306 9210

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 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 evolves to reflect state-of-the-art technology, giving you access to expertise in a wide range of engineering disciplines.

Plenty of staff contact and our high-quality resources will ensure you a rewarding experience. Enjoy excellent student support, including an extensive tutorial system for academic support and pastoral care, student-to-student mentoring, a dedicated undergraduate office, and approachable, well-qualified and co-operative staff.

Relevant, up-to-date teaching

All our civil engineering courses fulfil the requirements of the Engineering Council UK and the relevant professional institutions as set out by the Joint Board of Moderators.

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

Research interests in civil engineering 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; and 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. These projects reflect current knowledge and relevant industrial practice.

Professional accreditation

All our Civil Engineering degrees are professionally accredited by the Joint Board of Moderators. For full details, see:

www.manchester.ac.uk/mace/undergraduate/accreditation.



What you study

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

Civil Engineering

Year 1: Discover civil engineering, studying subjects such as maths, mechanics, computation, construction materials, structures and geotechnics, and engineering design and management.

Year 2: Develop a deeper understanding of fundamental civil engineering subjects, such as structural analysis and design, geotechnics, hydraulics and water engineering, construction materials, surveying, civil engineering design and management, plus further studies of maths and computation. Attend a residential field course in the Lake District to practice surveying and civil engineering design.

Year 3: Develop your specialist knowledge and skills further in subjects that include structural analysis and design, geotechnics, hydraulics, construction materials and management. Undertake a year-long individual research project that you choose from our wide range of subjects.

Year 4 (MEng): Develop your design skills in a realistic environment through a group design project that is jointly supervised by an industrial collaborator. You may follow your specialist interest and select from a range of specialist course units taught by staff members who

conduct leading-edge research in their field, preparing you to become a future leader in the field.

Civil Engineering (Enterprise)

Enterprise and business-related course units replace some non-core engineering material in all years, to provide you with valuable and transferable skills in enterprise and management.

Become a world-class engineer who understands the fundamental principles underpinning the science of engineering, but who can also apply that knowledge within the broader context of the modern business environment. Knowledge of business and management gives you a greater appreciation of the wider issues in the industry, enhancing your knowledge of the commercial environment and market.

Civil and Structural Engineering

Ideal for those wishing to specialise in structural engineering, such as the design and construction of bridges and large buildings.

While emphasising 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. In Years 3 and 4, you undertake numerically demanding research and design projects relating to a wide range of structures, gaining expertise that can be supplemented by a choice of complementary options.

Civil Engineering with Industrial Experience

Take our standard MEng course plus a structured placement in Year 4 within the UK civil, structural engineering, or construction industry, to develop your experience. As well as local supervision, you have support from our University's network and an individual tutor who visits you at your workplace. Work on a range of real civil and structural engineering projects, gaining valuable experience as a practicing engineer.

Transferring courses

Should you wish to transfer courses, you must observe the following conditions:

- If you are on the BEng but achieve the standard for MEng, we will invite you to transfer to MEng at the end of Year 2. However, if you are registered MEng but do not meet the requirements at the end of Years 2 or 3, we will transfer you to BEng. Once transferred to BEng, you cannot transfer back to MEng.
- If you are registered on MEng, you can transfer to BEng and graduate at the end of Year 3.
- You can change between MEng Civil Engineering and MEng Civil and Structural Engineering in Year 4, but you must inform us early on in that year.
- If you are registered on MEng Civil Engineering with Industrial Experience, you can transfer to the other home-based MEng courses.

Career opportunities

Our degree 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 you develop give you the ability to analyse and solve complex problems by a rigorous approach, and to communicate the results effectively. Our graduates find employment in diverse areas, such as computing, law, insurance, production engineering, the oil industry, retail management, environmental work and property development.

As a graduate 'with Industrial Experience' or on an 'Enterprise' course, you emerge with not only a solid engineering training, but also a useful insight into the commercial world, which equips you for a diverse range of careers, including general management and sales, as well as jobs in more technical fields.

You will have access to advice and development opportunities at the best university careers services in the UK, with help available to you on all aspects of your career.



Taking a Civil and Structural Engineering course in Manchester has opened my world to a number of opportunities. I've worked with industrial representatives on real projects, been taught by renowned experts in their field and have been inspired on where to take my career following graduation.

Alan Roper MEng Civil and Structural Engineering





Classics and Ancient History



TYPICAL OFFER

A-level: ABB - BBB IB: 34 - 31

For entry requirements to specific courses, see our course index at the back of this prospectus.

Ancient History BA 3yrs UCAS Code V110

Classical Studies BA 3yrs UCAS Code Q810

Classics BA 3yrs UCAS Code Q800

Latin and English Literature BA 3yrs

UCAS Code QQ36

Latin and Italian BA 4yrs UCAS Code OR63

Latin and Linguistics BA 3yrs UCAS Code OO61

Latin and Spanish BA 4yrs UCAS Code OR64

Latin with French BA 4yrs

UCAS Code Q6R1

See also Archaeology.

Please note that the Single Honours degrees in Greek and in Latin, and the degree in Classics and Ancient History, are no longer available as individually named degrees. However, the constituent parts of all of them are now available as specific routes in the Classics degree. Those wishing to pursue these routes should apply for Classics.

WHY MANCHESTER?

- One of the largest concentrations of classics and ancient history experts of any university in the country, and a wide variety of courses
- Exceptional teaching quality and scholarship of international standing, as represented by our global reputation for research, which keeps course content cutting-edge
- One of the largest library collections of classics-related material in Britain

Find out more...

www.manchester.ac.uk/arts ug-classics@manchester.ac.uk t +44 (0)161 275 3107

The civilisations of the ancient Mediterranean continue to be a source of new insights and inspiration to every generation of students, teachers and researchers. Manchester offers you the opportunity to study this challenging subject by moving through a vast field of enquiry: cultural study, language, literature, religion, myth, history, archaeology, philosophy, and much more.

Our degrees cater for a wide range of interests and make our teaching readily accessible to those who may have had little or no previous opportunity to study classical languages or civilisation. Our great variety of degree courses and individual course units allows you to pursue your particular interests in an atmosphere of enthusiastic questioning and intellectual rigour.

What you study

Single Honours degrees

Classical Studies

Enjoy the most flexible of our Single Honours courses, offering a broad-based study of the literature, culture and history of the Greek and Roman worlds. Choose whether to take the degree without studying language, or to take either Greek or Latin (or both) at any level, including beginner. Study specialist course units, which may include ancient literature, history, religion, philosophy, art and archaeology.

Ancient History

Another flexible degree course, ideal if you have a mainly historical interest in the Greek and Roman worlds. Again, you can take the course without studying language, or study an ancient language at any level, including beginner.

Take course units in Greek and Roman history as the core of your course; you can also study others from those listed under Classical Studies (above) as background. Units from modern and mediaeval history are widely available.

Classics

This course is based on the study of Greek and/or Latin language and literature. The traditional route combines both Latin and Greek language and literature, or you can choose to focus exclusively on the language and literature of either Latin or Greek.

You can also combine the study of Greek and Latin language,



literature and culture with the examination of Greek and Roman political, social and intellectual history. You take either Greek or Latin language, alongside core course units in ancient history and appropriate units in classical literature. In addition, you can also select specialist course units from the range outlined under Classical Studies.

All routes through the Classics course can be taken by students who have not studied the languages before, as well as those who already have them at AS/A2-level or equivalent.

Where appropriate (i.e. where students possess the required level of expertise in the relevant ancient language), a proportion of the texts for course units in Literature, and for some units in History, are studied in the original language.

Joint Honours degrees

The following courses offer you similar opportunities to study the ancient texts in the original language:

Latin and English Literature

Study Latin language and literature in each of your three years, in parallel with the full range of English studies (options include Old and Middle English, Renaissance, historical and contemporary English language, and cultural theory).

Latin and Spanish/Latin and Italian/Latin with French

Study the language, literature and culture of both societies, studying each language in all three years. These four-year courses include a year abroad where possible; this includes enrolment on classical courses at a Spanish, Italian, or French university.

Latin and Linguistics

Study Latin language and literature in each of your three years, in parallel to analytical and theoretical study of language in general, including the nature of language and models of its structure.

Ancient History and Archaeology

Combine the study of ancient history and archaeology in more ways than one. Take options in Greek and Roman history, and from the broad range of course units available from Archaeology. Alternative pathways give you the choice of learning ancient languages, or developing practical archaeological skills. See Archaeology.

Career opportunities

A classical degree is highly prized by employers, and we see our graduates take up jobs in the media, the civil service, industry, banking, accountancy, retail management and law, as well as teaching. Many graduates choose to continue their studies by taking a graduate programme at Manchester, or elsewhere.



My Ancient History degree has made me think more deeply about truth and narrative, and allowed me to see how a society functioned on very different structures, but functioned nonetheless. It has allowed me to form links from the present to the ancients and so think in more abstract terms.

Daniel PrinceBA Ancient History





Computer Science

TYPICAL OFFER

BSc programmes:

A-level: AAB (Please note that all courses

except for Internet Computing and Computing for Business Applications require A-level Mathematics)

IB: 35

MEng programmes:

A-level: A*AA

IB: 38

For entry requirements to specific courses, see our course index at the back of this prospectus.

Artificial Intelligence BSc 3yrs UCAS Code G700

Artificial Intelligence MEng 4yrs

UCAS Code G702

Artificial Intelligence with Industrial Experience BSc 4yrs UCAS Code G701

Computer Science BSc 3yrs UCAS Code G400

Computer Science MEng 4yrs UCAS Code G401

Computer Science and Mathematics BSc 3yrs

UCAS Code GG14

Computer Science and Mathematics with Industrial Experience BSc 4yrs

UCAS Code GG41

Computer Science with Business and Management BSc 3yrs

UCAS Code G4N2

Computer Science with Business and Management with Industrial Experience BSc 4yrs

UCAS Code GNK1

Computer Science with Industrial Experience BSc 4yrs
UCAS Code G405

Computer Systems Engineering BEng 3yrs UCAS Code HH66

Computer Systems Engineering MEng 4yrs UCAS Code GH4P

Computer Systems Engineering with Industrial Experience BEng 4yrs UCAS Code HHO6

Computing for Business Applications BSc 3yrs UCAS Code G510

Computing for Business Applications with Industrial Experience BSc 4yrs

UCAS Code G511

Internet Computing BSc 3yrs
UCAS Code G450

Internet Computing with Industrial Experience UCAS Code G451 Software Engineering BSc 3yrs

UCAS Code GG6K

Software Engineering MEng 4yrs

UCAS Code GG64

Software Engineering with Industrial Experience BSc 4yrs UCAS Code G603

WHY MANCHESTER?

- Distinguished history in computer science, dating from the birth of the world's first stored-program computer at this University
- Multidisciplinary courses involving major collaborations with Manchester Business School and many schools across Engineering and Physical Sciences
- Entrepreneurial culture, enabling close relationships with industry
- Knowledge, principles and transferable skills necessary for rewarding careers in technology and related disciplines

Find out more...

www.manchester.ac.uk/cs ug.comp.sci@manchester.ac.uk t +44 (0)161 275 6124 Computing is transforming our world, changing the way we work and play, and redefining fields of human endeavour as diverse as healthcare, engineering and government. Computer science underpins this revolution, bringing together understanding of the scientific and technological foundations of computing, hardware and software methods, and information and communication technologies.

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 – if it's going on anywhere, it's going on here.

Collaborations across the University, an entrepreneurial culture and extensive industry links inform our undergraduate degrees and ensure that what you learn is relevant to applications in the real world - and to a broad spectrum of careers. We have one of the UK's broadest offerings of computer science courses. enabling you to specialise across the discipline. We also aim for maximum flexibility, so you can tailor your course to your interests and career aspirations as your experience of the subject develops.

Student life

Being a student here is also fun; we provide a friendly and supportive environment for you. We have a thriving student social committee and students are active in many aspects of University life. Our graduates keep in touch with us and have written about their experiences on our website: www.manchester.ac.uk/cs/unde rgraduate/studentprofiles

Manchester has an international reputation as a world leader in research and teaching across the full breadth of computing, from embedded computer systems to information management, and from computer architecture to e-government. See Computing.

What you study

All our courses develop high-level practical and theoretical skills through the study of a broad range of computer science topics. You can focus on a particular area through a specialist degree, or flavour your degree through the choice of 'themes' - related collections of course units that together provide key skills in a focused area. Whatever route you choose, you will gain knowledge and practical experience of current technologies, and a thorough grounding in the principles of the subject. Upon graduation, you will be well prepared to deal with future developments in this rapidly changing field - either in employment, or in further study.

We offer almost all of our courses in a number of variants. Our fouryear MEng courses fulfil the highest professional requirements and challenge the ablest of students. In your final year, you study specialised topics at an advanced level and broaden your skills and experience with a period in industry, enterprise-related course units, and industry-focused project work.

Our four-year BSc with Industrial Experience courses enable you to spend a full year in industry. Students with industrial experience not only tend to improve their final degree performance, but also enhance their employment prospects. You can also study any of our courses as a three-year BSc.

Computer Science

Get 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, on this our most popular and flexible course. To help you choose your course units, we organise them into 'themes' that focus your studies and project work. letting you specialise in areas such as web and distributed systems, computer architecture, visual computing and information systems in business.

Software Engineering

As computer systems become ever larger and more complex, the problems of developing and maintaining them become more significant. 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. 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

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

Sophisticated electronic systems permeate all aspects of life, such as MP3 players, games consoles, mobile phones, vehicle control systems and radar. All 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.

Interdisciplinary courses

Unlike our other courses, these do not need A-level Mathematics. They combine relevant computational techniques with complementary material in important application areas, and are taught jointly with business information system and interactive systems specialists from Manchester Business School.

Computing for Business Applications

Modern organisations are heavily dependent on IT systems, ranging from applications such as financial management packages, to sophisticated decision support and knowledge management tools. Gain a thorough grounding in the general principles and practice of software development and maintenance, with particular emphasis on the development and deployment of software systems in organisational settings. Examine the way in which IT systems interact with other parts of an organisation and develop the skills to use this knowledge to design effective software systems.

Internet Computing

The internet has become central to a wide range of commercial, educational and leisure activities. As a result, it is used directly by a diverse collection of individuals and organisations, with different requirements and priorities. Gain knowledge and understanding of the architecture and design of web-based systems and web development tools. Develop skills that underpin the development and evaluation of collaborative and interactive websites in commercial settings.

Joint courses

One of our strengths is the variety of collaborations we have with other schools in the University.

Computer Science with Business and Management

Enjoy the opportunity to build an understanding of the general principles and practice of computer systems and software development, while also studying in Manchester Business School to develop an understanding of the nature of business and management roles and practices.

Computer Science and Mathematics

Develop a powerful combination of mathematical and computer science skills in a course run jointly with our School of Mathematics. In particular, gain high-level practical and theoretical skills over a broad range of computer science topics, and a knowledge and understanding of mathematical ideas, including the concepts of rigorous argument and formal proof. Explore how the subjects are increasingly used to support each other.

Career opportunities

Significant employment opportunities exist in the traditional IT industry, but our graduates are increasingly in demand from a very broad range of employers, as they come to depend increasingly on computerbased products, services and ways of working. You could work in virtually all areas of business and society, including finance, films and games, pharmaceuticals, healthcare, consumer products and public services. Increasingly. employers are seeking graduates with high-level computing skills, and the ability to apply them in innovative ways to solve the problems facing their organisations.

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: strong technical ability and the ability to work effectively with others. Now is a particularly good time to study computer science: all potential employers of our graduates are forecasting a serious shortage of the sort of high quality graduates that our courses produce.



Since I joined the School of Computer Science, I have developed as an individual on a number of levels. There is the technical side of things, which has developed greatly as I interacted with various technologies and parts of the discipline, but I have gained important soft skills as well; I am now better at managing my time and priorities, communicating, networking and working in teams. I have also managed to interact with some of the best companies worldwide via the numerous career fairs organised within the School, understanding what they do and making an informed decision about my future career.

Nicolae Caprarescu

BSc Computer Science with Industrial Experience





Computing

WHY MANCHESTER?

- Diverse choice of computing courses that equip you with the skills to shape the future of business, engineering, science and society
- Multidisciplinary approach, which recognises that computing needs to take account of people, culture, processes and organisations, if technology is to be used effectively
- Knowledge, principles and transferable skills necessary for a career at the forefront of innovation, for talented and ambitious students

One of the defining forces of the 21st century, computing transforms our world, changing the ways in which we work and play, and redefining fields of human endeavour as diverse as healthcare and manufacturing, engineering and government.

Computing at Manchester is driven by the challenges presented by these new areas of application. Our courses involve finding new intellectual challenges: how to represent complex knowledge and information; how computers can interact naturally with people; how to design complex systems; and how computers can be made to work in business and management contexts.

Intelligent problem solving

Computing is about designing solutions to real problems. Technology alone does not solve problems; the skill and ingenuity of the scientist, the engineer, or the practitioner is the real driving force.

The diversity of problems to which computing is applied is difficult to comprehend: from designing a silicon chip containing more than 100 million transistors in an area no larger than a postage stamp. to developing an internet shopping site that recognises your interests and suggests items you might like to buy; from using medical imaging to map tumours, or to understand how the human brain works, to using embedded systems that monitor the movement of chemicals through the soil; from working with NASA to find bugs in the design of the K9 Martian Rover program, to using computer graphics to combat the pain suffered by amputees.

Computing brings together computer science, electronics, mathematics, design, psychology, business and management and information systems. It unites an understanding of the scientific and technological foundations of computing, hardware and software methods, and information and communication technologies to design technology-based systems, information and knowledge management systems and business processes.

History of innovation

Over the course of its short history, computing has radically changed the way people experience the world – and our University has played a long and distinguished role in this development.

From the very beginning, when the first computer in the world to store its program electronically was built here, through to today, when embedded computing systems are all-pervasive – in our mobile phones, DVD and MP3 players, in satellite navigation systems, in medical instrumentation and diagnostic equipment – we have been at the forefront of the development of both technology and applications.

Manchester offers breadth and depth in our range of computing courses. Whatever your area of interest in computing, we will almost certainly be able to offer a programme of study to fit your needs.

Perhaps you already have a clear idea of what you want to focus on in your studies, whether on the scientific and technological foundations of computing, on hardware or software design, or on the interface between computing and business.

Alternatively, perhaps you are interested in studying a computing-related course, but do not yet know exactly what will most attract you. If this sounds like you, please read the individual subject area entries to find out more about the courses we offer, take a look at our School websites, or contact us if you feel you need advice. We are keen to help you choose the right course for you.

What you study

Computing courses at Manchester

Our School of Computer Science and Manchester Business School – both world-leading in their own right – work together to provide a coherent set of courses. Where appropriate, we offer courses jointly, exploiting the strengths of both schools.

Courses that concentrate on the core principles of computing and its myriad of applications:

Computer Science

Software Engineering

Artificial Intelligence

Computer Systems Engineering

See Computer Science.

Courses that emphasise the effective use of information and communications technology in the public and private sectors:

Computing for Business Applications

Computer Science with Business and Management

Internet Computing

Information Technology Management for Business (an e-skills course)

See Computer Science, and Business Studies and Management.

Accounting, Management and Information Systems

See Accounting and Finance.

Courses that explore the relationship between computing and other disciplines:

Computer Science and Mathematics

See Computer Science.



Dentistry and Oral Health Sciences

TYPICAL OFFER

Due to the detailed nature of entry requirements for Dentistry and Oral Health Science courses, we are unable to include a typical offer in the prospectus. For complete and up-to-date information on our entry requirements for Dentistry and Oral Health Science, you need to visit our website:

www.manchester.ac.uk/dentistry /undergraduate

For entry requirements to specific courses, see our course index at the back of this prospectus.

Dentistry (including Foundation Year) BDS 6yrs UCAS Code A204

Dentistry (first-year entry) BDS 5yrs

UCAS Code A206

Oral Health Sciences BSc 3yrs UCAS Code B840

WHY MANCHESTER?

- Distinguished reputation in dentistry, long established since 1884
- Choice of the BDS, allowing you to practise as a dentist, or the BSc Oral Health Science, allowing you to practise as a dental hygienist or dental therapist
- Extensive experience in outreach community clinics, allowing you to treat patients regularly and experience clinical dentistry in a 'real world' environment

Find out more...

www.manchester.ac.uk/dentistry ug.dentistry@manchester.ac.uk t +44 (0)161 306 0231

What you study

BDS (Bachelor of Dental Surgery) in Dental Surgery

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.

Manchester's dental course has been designed in close consultation with students and staff in our School of Dentistry to provide an integrated, enquiry-based, five-year course, building on and incorporating our existing high quality learning/teaching, our expertise in enquiry-based learning and our well-established outreach courses. A key feature is integration between theory and practice, central to which is early learning/teaching in the clinical context.

Five themes run through our course:

- Human health and disease
- The mouth in health and disease
- Clinical competence
- Scientific understanding and thought
- Team working, communication skills, ICT, reflective practice

Dedicated teams have designed these themes and integrated them into each year of the course, ensuring that your knowledge and skills develop in an integrated fashion as the focus moves from basic building blocks in Year 1, to professional competence in Year 5.

How you learn

Our emphasis on integration of theory and practice throughout your course lends itself to enquirybased learning (EBL), which covers a spectrum of approaches:

- Exploration of a scenario or problem drives the whole learning experience (EBL)
- Small-scale investigations (eg fieldwork/case studies)
- Projects and research activity

Through EBL, you participate in a wide range of different learning activities, including small group seminars, themed theatre events, case-based activities, computer-assisted learning and the use of web-based resources. This means that traditional lectures and tutorials will not form a major part of your learning experience, but carefully integrated, appropriate early clinical experience will.

Years 3 to 5: A significant part of clinical teaching takes place in outreach community clinics in different areas of Greater Manchester. Use of outreach teaching was pioneered in Manchester with our first paediatric outreach teaching in 1975. We now have 11 outreach clinics to which you may be assigned.

Foundation year (available for UK/EU students only)

If your A-level (or equivalent) subjects do not include the required sciences, you will need to join our Foundation Year, intended to provide the scientific knowledge and skills necessary for you to progress to the first year of the five-year BDS course on satisfactory completion of the end-of-year assessment.

Oral Health Sciences

This course covers a wide variety of subjects, including basic sciences, human diseases, periodontology, dental caries, restorative dentistry, dental radiography, behavioural science, orthodontics, and general and oral health promotion.

How you learn

Year 1: Most teaching takes place in lectures, seminars and tutorials. You begin to develop your clinical skills on patient simulators progressing to your first adult patients.

Year 2: Non-clinical and clinical subjects are integrated as you begin to treat child and adult patients.

Year 3: You provide dental care for patients in a variety of settings, both within the School of Dentistry and at outreach community clinics.

Career opportunities

As a BDS graduate, you can work in general practice (normally after completing a year of mandatory vocational dental practice), the community dental service, hospital practice, university teaching and research, various individual organisations and the armed forces. Sometimes you may need further training and specialisation. Your qualification is recognised throughout the European Union and in many other countries.

As a graduate in Oral Health Sciences, you can work in all sectors of dentistry as a dental hygienist or dental therapist. This role incorporates the skills of both dental hygienists and dental therapists and reflects the philosophy outlined in the General Dental Council document 'Developing the Dental Team' (see: www.gdc-uk.org).

Health screening

In our School of Dentistry, we are mindful of our overriding duty of care to the public, with whom you will come into close contact at an early stage of your studies. If your application is successful, you will therefore need to comply with the viral screening requested by the Department of Health to show that you are not a carrier of Hepatitis B or C, or HIV.

Additionally, we will ask you to send a completed Pre-Acceptance Health Questionnaire, countersigned by your general practitioner, to our Student Occupational Health Department.

If you have any questions about the health screening, contact:

Elizabeth Aniteye, Occupational Health Nurse Adviser t +44 (0)161 275 2862 elizabeth.aniteye@manchester.ac.uk

Successful applicants will also be required to pass a Disclosure and Barring Scheme (DBS) check. This replaces the Criminal Records Bureau check at enhanced level. As well as any criminal convictions, you must disclose any cautions, reprimands or final warnings that you may have received.



Studying dentistry at Manchester is, without a doubt, the best decision I've made. The course challenges me each day to improve my knowledge, technical abilities. communication and team-working skills. Meeting different people is a big part of it and. whilst I've made some areat friends with staff and students, the biggest reward is making a difference for patients.

Anthony LeeBDS Dentistry

77



STUDY ABROAD opportunities

Drama

TYPICAL OFFER

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

For entry requirements to specific courses, see our course index at the back of this prospectus.

Drama BA 3yrs

UCAS Code W400

Drama and English Literature BA 3yrs

UCAS Code WQ4H

See also English Literature and American Studies.

Drama and Screen Studies BA 3yrs

UCAS Code WW46

See also Music and Drama.

WHY MANCHESTER?

- Established tradition at one of the first UK universities to teach drama
- £6 million premises and resources
- Wide-ranging teaching covering the history, theory, criticism and practice of drama and its performance
- Unique disciplinary focus on the way in which drama functions within its cultural context
- Access to one of the country's most vibrant theatre, film and performance cultures

Find out more...

www.manchester.ac.uk/drama ug-drama@manchester.ac.uk t +44 (0)161 275 3348

Manchester was one of the first British universities to teach Drama. Today, our scope and resources are extensive, with useful contacts across the city and region. Our cutting-edge premises incorporates the purpose-built Cosmo Rodewald Concert Hall, the John Thaw Studio Theatre, the Lenagan Library, audio/visual facilities and excellent performance, workshop and practice spaces.

What you study

Drama (single Honours)

In all three courses you study Drama as a cultural process and artistic discourse by developing an intellectual and practical approach to: plays and performance pieces; critical writing about theatre and performance: considering performance venues and live and recorded performance. The course has a strong element of applied and social theatre which examines how theatre and performance practices are used beyond the theatre building and event. You take course units on theatre or film history and contextualisation, as well as undertaking individual research for a dissertation in Year 3 that can be practice-based.

Drama and English Literature (Joint Honours)

You would be able to choose a number of pathways drawn from Drama and English Literature (eg two-thirds drama and one-third English Literature; one third Drama and two-thirds English Literature, or half and half). The range of choices allows you to focus on a more theoretical or practical pathway, or a blend of the two, and it is possible to change the emphasis of your course in each year.

Drama and Screen Studies (single Honours)

You would follow a similar course to Drama while focusing on the study of film and other screen media. Throughout your course, you can choose film options from the variety of studies offered and take courses in video-making.

Career opportunities

A wide variety of career opportunities are open to you. Our recent graduates now have successful careers in theatre, film and television, applied theatre, journalism and publishing, teaching and research, community arts and arts administration

66

Drama at Manchester has opened my eyes to a new wealth of knowledge, both on a personal and academic level. The relationship between the course and the city itself creates a brilliant environment in which the arts can be studied in a modern and exciting way.

Charlotte Knope

BA Drama

77

David is one of life's doers. Not content with following the traditional route, at the end of his second year he took himself off to a lab in Spain to study the brain.

Manchester made me... discover what I really want to do

I chose Neuroscience to try and answer the big questions. I thought that if I could understand why I'm able to reflect upon my existence and the existence of things, then I might be able to help explain the existence of things.

I had a year out in a laboratory in Spain last year. In my second year I got interested in astrocytes, a type of cell in the brain. There's a world-leading expert on this type of cell at Manchester, and he has a laboratory in Spain which is working on this particular cell in Alzheimer's disease. He said I could go and work there for a year, but I didn't speak Spanish and I was the only undergraduate working with a small group of PhDs and post-docs, so it was quite a challenge.

I discovered slacklining in Spain. It's like tightrope-walking except the line moves like a trampoline and you can do back flips and front flips and other tricks. It can be a meditative pursuit as well, because when you're really high up and you've got to concentrate on balancing, if you think about a mistake you made two seconds ago or a mistake you might make in two seconds, then you lose it and you fall. I wanted to find other people who slacklined and to share my love of it. So I came back and set up a slacklining society. We've now got a team and lots of people learning.

I also started teaching myself computer programming in Spain and that's a big part of my life now. I'm now part of the Manchester Ultimate Programming Committee.



Earth Sciences

TYPICAL OFFER

A-level: AAB-ABB

For entry requirements to specific courses, see our course index at the back of this prospectus.

Earth Sciences MEarthSci 4yrs UCAS Code F640

Environmental and Resource Geology BSc 3yrs

UCAS Code F630

Geochemistry BSc 3yrs UCAS Code F670

Geography and Geology BSc 3yrs

UCAS Code FF68

Geography and Geology with a Year Abroad BSc 4yrs UCAS Code FF86

00/13/0000/11/00

Geology BSc 3yrs UCAS Code F600

Geology with Planetary Science BSc 3yrs

UCAS Code F6F5

Geology with Planetary Science MEarthSci 4 yrs

UCAS Code F6FM

WHY MANCHESTER?

- One of the UK's largest centres for earth and environmental teaching
- Diverse exciting fieldwork opportunities, funded by the University, as part of your course
- Opportunities to gain industrial experience via work placements

Find out more...

www.manchester.ac.uk/seaes ug-earth-sci@manchester.ac.uk t +44 (0)161 275 0776

Earth Sciences studies the composition, behaviour and history of the Earth and other planets. It integrates and applies different scientific disciplines to problems such as the formation and composition of the Earth, causes of earthquake and volcanic activity, causes of ice ages and the origin and evolution of life.

It is an immensely practical subject. Geologists study many phenomena that affect our daily lives, such as: 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.

What you study

For course units on all courses, see: http://bit.ly/ruN8Fp

Earth Sciences

Accredited by the Geological Society of London

Take our undergraduate integrated master's course with a broad background in Earth Sciences, You can follow a Geology. Environmental and Resource Geology, Geochemistry, or Planetary Geology pathway through the earlier years of the course. In Year 4. you take master's-level taught course units and undertake a research project in an area of your choosing, 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

Accredited by the Geological Society of London

Focus on exploration for earth resources and the environmental impact of their extraction, along with the safe disposal of any waste products. You could study hydrogeology, mineral deposits, engineering geology and energy resources, and you may take units shared with environmental scientists. This course offers a full fieldwork programme, including independent mapping.

Geochemistry

Accredited by the Geological Society of London

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. You apply geochemical methods to such diverse problems as the





origin of the solar system and polluted groundwater. You could study biogeochemical cycles, organic systems, isotope geochemistry and analytical techniques. This course offers a full fieldwork programme. including independent mapping.

Geography and Geology

Ideal if you have a strong interest in physical geography and geology and wish to focus on natural processes at the Earth's surface. You have a wide choice of units and undertake a dissertation typically in physical geography or geology, often fieldbased. This degree is run between our School of Earth, Atmospheric and Environmental Sciences (EASES) and School of Environment and Development. You may attend field courses run by both Schools.

Geography and Geology with a Year Abroad

Ideal if you have a strong interest in physical geography and geology. Focus on the natural processes that occur at the Earth's surface and acquire important skills in both geographical and geological methods. Subject to maintaining the required academic standards, you will spend a year abroad at one of our prestigious partner universities We offer a substantial fee reduction for the year you spend abroad. Find out more at www.manchester.ac.uk/ug/cour ses/studyabroad

Geology

Accredited by the Geological Society of London

Study 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. Teamwork, problemsolving and field skills play a key role in integrating all the elements of the subject. Our wide choice of options in Year 3 allows you to explore more specific career paths and provides an ideal foundation for a postgraduate master's degree, or entry to graduate employment in the resources and geotechnical industries, or environmental geoscience.

Geology with Planetary Science

Planetary scientists study the origin and evolution of the planets and the other bodies in the solar system. They try to answer questions like: "How did our solar system form and evolve?" and "How widespread is life in the universe?" To do this, they need to 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.

In Year 1 you study more advanced maths, allowing you to complete physics-based astronomy options in Year 2 and more specialised units in Year 3. A planetary science research project in your final year enables you to focus on the latest developments in planetary science.

Fieldwork and placements

Integral to your degree, fieldwork allows you to apply skills learnt in lectures and laboratories to real settings. You develop observation and interpretation skills and techniques for investigating specific problems. All tutor-led

courses are heavily subsidised. Students undertaking independent fieldwork (eg geologists) will need to contribute towards travel and accommodation costs. You have opportunities to gain industrial experience in areas from oil exploration to site investigation of contaminated land.

Career opportunities

Earth scientists find employment in oil, mining, engineering, water and environmental fields as well as in teaching, at universities and in government geological surveys.



Earth Sciences has excellent facilities. resources and lectures. Obviously there is a lot of hard work involved, but there is a lot of fun to be had, too: the second year field trips have provided me with some great memories. By the end, I'll have a top notch degree and a choice of career that will hopefully take me to a hot country somewhere.

Dominic Mulroy

BSc Geochemistry

Economics

TYPICAL OFFER

A-level: AAB IB: 35

For entry requirements to specific courses, see our course index at the back of this prospectus.

You need at least a grade A at A-level Mathematics or equivalent for our BEconSc degree.

Economics BEconSc 3yrs UCAS Code L102

Economics BA (Econ) 3yrs UCAS Code L100

See also Economic and Social Studies, History

WHY MANCHESTER?

- Long, distinguished history in economics, with a Chair in Political Economy founded at Manchester in 1854
- Exclusive first-year study skills and applied economics units
- Excellent technical capabilities and transferable skills from research-led teaching in Year 3
- Extensive choice of course units, due to the size of the Economics department and the significant diversity of interests of our staff

Find out more...

www.manchester.ac.uk/ socialsciences socialsciences@manchester.ac.uk t +44 (0)161 275 4470/2291/1473/4748

The study of Economics is crucial to understanding the world around us, as a glance at the news reveals that many important issues facing societies across the globe have a substantial economic dimension.

Many famous names in economics have worked and studied at Manchester, including two Nobel Laureates: Sir John Hicks, whose interpretation of Keynes General Theory is still considered the dominant model taught to undergraduates at nearly all UK universities: and Sir Arthur Lewis. a development economist who became the first black person to receive a Nobel Prize outside the category of peace. Today, we are at the forefront of UK teaching and research in economics, with an academic staff of nearly 50.

What you study

Economics BEconSc

The Bachelor of Economic Science is a small, specialist Economics degree designed to provide you with specialist training and knowledge in the study of economics. The course has a strong quantitative (mathematics and statistics) core and covers the core elements of micro- and macroeconomics. You will develop the mathematical and related quantitative skills necessary for further study in economics, or for a career as a professional economist in the private or public sector.

Over the degree, half of the course units cover core material. You can choose your remaining units from a wide range of options, including development economics, environmental economics, finance and mathematics, allowing you to pursue your own additional interests.

Year 1: Study economics, mathematics and statistics and exclusive course units in Applied Economics and Studying Economics. You can develop your personal transferable skills, including IT skills, and enhance your quantitative and economic understanding. Optional course units include languages, philosophy, other social sciences, or options in mathematics.

Year 2: Study economics, econometrics and mathematical economics. You may take other options in Economics and/or enrol on our Manchester Leadership Programme (www.manchester.ac.uk/mlp).



Year 3: Study economics and an additional choice of course units in econometrics and/or mathematical economics, allowing you to specialise in particular subdisciplines. We combine these with a flexible choice of course units drawn from all areas of the economics discipline, including a collection of units in finance. This enables you to develop deep specialist knowledge, so you can either pursue postgraduate training in economics, finance, or any related area, or enter directly into the job market upon graduation.

When you graduate, your chosen course units (in your final year) combine to give you a degree specialisation in one of the following:

- Economics
- Econometrics and Mathematical Economics
- Financial Economics

Economics BA (Econ)

Studying economics on this School of Social Sciences degree, the BA (Economic and Social Studies), enables you to take a broad variety of subjects across the social sciences, including economics in your first year. You can then specialise in economics, or combine it with other subjects such as Finance, Politics, Business Studies, Sociology and Philosophy.

See Economic and Social Studies.

Career opportunities

Our graduates have pursued successful careers both in the public and private sectors, in a wide range of national and international organisations such as JP MorganChase, KPMG, PwC, UK Department of Health, and the NHS. A high proportion of BEconSc graduates take advantage of their specialised knowledge by going onto further postgraduate study in economics and related areas.



Doing the BEconSc course has given me the technical skills needed to be a career economist, as well a providing a good preparation for a graduate degree. Yet the course also gave me much flexibility around the economics core. Free choices included applied economics, other social sciences, languages and history.

Martin Kelly

BEconSc Economics



Economic and Social Studies

TYPICAL OFFER

A-level: AAB IB: 35

For entry requirements to specific courses, see our course index at the back of this prospectus.

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

Development Studies and Economics BA (Econ) 3yrs

UCAS Code LL91

Development Studies and Politics BA (Econ) 3yrs

UCAS Code LL92

Development Studies and Sociology BA (Econ) 3yrs

UCAS Code LL93

Economics BA (Econ) 3yrs

UCAS Code L100

Economics and Criminology BA (Econ) 3yrs

UCAS Code LM19

Economics and Finance BA (Econ) 3yrs

UCAS Code LN13

Economics and Philosophy BA (SocSci) 3yrs

UCAS Code LV15

Economics and Politics BA (Econ) 3 yrs

UCAS Code LL12

Economics and Sociology BA (Econ) 3 yrs

UCAS Code LL13

Finance BA (Econ) 3yrs

UCAS Code N300

Politics BA (Econ) 3yrs

UCAS Code L244

See also Accounting and Finance, Business Studies and Management, Economics, Philosophy, Politics and International Relations, Social Anthropology, Sociology

WHY MANCHESTER?

- Maximum flexibility and choice in your preferred areas of study, with more than 260 course units available to chose from
- Courses enhanced by researchers with "worldleading" and "internationally excellent" reputations

Find out more...

www.manchester.ac.uk/ socialsciences socialsciences@manchester.ac.uk t +44 (0)161 275 4470/ 2291/1473/ 4748

ABCDE

Extensive choice

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 subject/s you will study in most depth when you apply; instead, you take these crucial decisions as you progress through the three years of your course.

The BA Economics and Social Studies at Manchester offers you the chance to specialise in 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 above, but this does not restrict your eventual choice of specialisation/s. For example, a student who originally applied for Economics may eventually combine Politics or Sociology with Economics, or specialise in Development Studies. You may also choose combinations that are not listed here.

Please note: you cannot specialise in Accounting, Finance, or Business Studies, either as a single area or in combination with other areas, unless you apply for the appropriate course code.

What you study

Year 1: Follow a broad programme of study that includes economics, politics, the social sciences, and quantitative methods. The first year pathways vary slightly depending on your intended area of specialisation. For example, a student specialising in Accounting and Finance will study fewer course units in politics and the social sciences than a student specialising in Economics or Business Studies. You can also take course units in computer applications and study skills. By gaining a broad introduction to the social sciences, you will develop some of the basic transferable and intellectual skills that you will need as a student and in later life, as well as becoming more able to make an informed choice of the subject areas you will study in Years 2 and 3.

Year 2: Decide which area/s to specialise in. You can take most of your course units in a single area, within two, or possibly three areas.

Year 3: Specialise in one area, or combine two areas of study. In total, more than 260 course units are available, giving you remarkable choice and the opportunity to put together a programme of study that suits your particular interests.

Career opportunities

Due to the number of pathways available through the degree, you will 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, teaching and law, at organisations such as Credit Suisse, Merrill Lynch, HM Treasury, the BBC and the Welsh Assembly.



I picked the BA (Econ) course at Manchester because I wanted to explore my options at university and pick course units from different disciplines, and this course was perfect for that

Farah Nassef

BA (Econ) Economics and Politics



Electrical, Electronic and Mechatronic Engineering

TYPICAL OFFER

GCE A-level MEng: AAA at A-level including Maths and either Physics, Electronics, or Further Maths.

BEng: AAB at A-level including Maths and either Physics, Electronics, or Further Maths.

IB: 37-35

For entry requirements to specific courses, see our course index at the back of this prospectus.

Electrical and Electronic Engineering BEng 3yrs

UCAS Code H600

Electrical and Electronic Engineering MEng 4yrs

UCAS Code H605

Electrical and Electronic Engineering with Industrial Experience BEng 4yrs

UCAS Code H606

Electrical and Electronic Engineering with Industrial Experience MEng 5yrs

UCAS Code H601

Electronic Engineering BEng 3yrs

UCAS Code H610

Electronic Engineering MEng 4yrs

UCAS Code H614

Electronic Engineering with Industrial Experience BEng 4yrs

UCAS Code H613

Electronic Engineering with Industrial Experience MEng 5yrs

UCAS Code H615

Mechatronic Engineering BEng 3yrs

UCAS Code HH36

Mechatronic Engineering MEng 4yrs

UCAS Code HHH6

Mechatronic Engineering with Industrial Experience BEng 4yrs UCAS Code HH63

Mechatronic Engineering with Industrial Experience MEng 5yrs

UCAS Code HHP3



WHY MANCHESTER?

- 96% student satisfaction in the National Student Survey (NSS), consistently one of the highest rankings for teaching quality for any degree course in the UK
- Strong industry links that inform our course content and make you more employable
- Cutting-edge degrees informed by excellent research; we are ranked second in the UK for our research quality
- Accreditation by the Institution of Engineering and Technology (IET)
- Excellent teaching facilities with modern lecture theatres, dedicated computer suites and well-equipped teaching laboratories

Find out more...

www.manchester.ac.uk/eee ug-eee@manchester.ac.uk t +44 (0)161 306 9351

Our School of Electrical and Electronic Engineering is ideally positioned to provide you with a sector-leading education in the subjects encompassed by electrical, electronic and mechatronic engineering. More than 60 academic staff specialise in subjects that range from nanoeleconics through to power systems.

We are unique in the UK in combining proven excellence in both teaching and research (see: www.manchester.ac.uk/eee/rep utation), which will influence potential employers when judging the quality of your degree.

Industry recognises our achievements and we have teaching and research facilities sponsored by companies including National Grid, Rolls-Royce and National Instruments (NI).

As well as accrediting all our undergraduate courses, the Institution of Engineering and Technology (IET) has given special commendation to our tutorial scheme, Microcontroller and Embedded Systems projects, industrial placements scheme, Year 4 team project and the overall design of our course units. They were particularly impressed by the strong sense of community in our School, as exemplified by our extracurricular activities in EEESoc and the Electronic Club.

Funding

Many funding opportunities are open to our students, including those available from: the Power Academy, UK Electronics Skills Foundation (UKESF), BP, National Instruments, IET and Procter and Gamble.

For more information, see www.manchester.ac.uk/eee/undergraduate/funding

What you study

To ensure that we produce graduates prized by industry, we take guidance from our Industrial Advisory Group: a forum 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.

Year 1: Build a microcontroller development system – an essential technology in this subject.

Year 2: Apply your microcontroller development system in a teambased Embedded Systems Project. You will learn how electronics can add intelligence to many different systems, the example used being an autonomous system.

Year 3: Continue the practical element with a substantial individual project that gives you the opportunity to put theory into practice.

Year 4: Devote 50% of your time to a team project with a strong research content and industrial input. This will have a substantial impact on your employability.

Two of the major sustainability challenges facing the world today are food security and energy, in the context of climate change and diminishing resources. These are key research themes for us, which influence our teaching, particularly in project work.

Our taught course units, which cover the range of the subject area, include laboratory and design content, as well as lectures and tutorials.

For more information, see www.manchester.ac.uk/eee/undergraduate/courses

Flexible degrees

The first three semesters of our courses are common, allowing you to switch between them at any time up to the end of the first semester in your second year. You can also choose between MEng or BEng degree courses.

Year in industry

All of our degree courses can be taken with an assessed year in industry (see course list) and our industrial placement courses manager will help you find a suitable placement. A year in industry will develop your business, team-working and other transferable skills, all of which are sought after by graduate employers. It can be accredited by the IET towards the training required for attaining Chartered Engineer status, Industrial experience will increase your awareness of the broad range of careers on offer and guide your choice of option subjects.

Electrical and Electronic Engineering

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 lifetime 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.

In transport, electrical systems are increasingly being used in electric vehicles (road and rail), hybrid drives (part electric motor, part internal combustion engine), engine management electronics, safety systems, on-board entertainment and navigation systems.

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; and embedded computer systems.

Electronic Engineering

Today, and in the future, we look to electronics to provide solutions for complex problems. Take the mobile phone: a very sophisticated computer and communications system that links to a worldwide network of antennas, allowing it to connect to any other mobile or landline, as well as to the internet.

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

We live in an information age that requires electronics and digital signal processing systems (for images, audio and other signals). Technological developments in communications include concurrent processing (to allow the manipulation of the massive amounts of data), data networking and digital communication systems for both local distribution and across the Internet.

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; and analogue circuits and systems.

Mechatronic Engineering

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

To interact with an object, a system must know where the object is, be able to move the object and place it in the required new position. The electronics therefore require information from sensors that can detect position, orientation, and visual or audio signals. The electrical inputs from

the sensors have to be interpreted and the appropriate signals sent out to the actuators to perform the required operation. A good understanding of feedback control is also required to be able to make changes in the system from one steady position to another without oscillations or unpredictable movements. You will learn the techniques necessary for the design and implementation of such intelligent mechatronic systems.

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; and production engineering.

Career opportunities

Are you interested in enabling aeroplanes to fly, developing sustainable energy networks, improving crop yields? Would you like to produce a winning Formula One racing car, improve medical diagnostic equipment, make computer games more exciting? Would you like to advance mobile communication systems, reduce the emissions responsible for global warming, make life more rewarding and sustainable? If so, then our degree courses are for you.

In addition to subject-specific skills and knowledge, you will acquire skills such as logical thinking, team working, report writing, analysis, presentations, programming and a high level of numeracy. This will open a wide range of 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. Others have successfully progressed to postgraduate study.



I have really enjoyed the past three years at Manchester and it now feels like home. I continue to enjoy the course and look forward to the challenges it is going to bring in the future.

Maria McKavanagh MEng Electronic Engineering

77



Engineering and Science with an Integrated Foundation Year

TYPICAL OFFER

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

For entry requirements to specific courses, see our course index at the back of this prospectus.

Engineering with an Integrated Foundation Year 4/5yrs

UCAS Code H108

Science with an Integrated Foundation Year 4/5yrs

UCAS Code F008

WHY MANCHESTER?

- Teaching carried out on the University campus by University staff with considerable experience of delivering a curriculum designed for a foundation year purpose
- Courses designed to maximise your achievement and fully prepare you for degree study in engineering or science
- Long, distinguished history in engineering and science education and research

Find out more...

www.foundationstudies.eps.ma nchester.ac.uk ug-fy-eps@manchester.ac.uk t +44 (0)161 306 4742

Prepare for study on degree courses in engineering and associated disciplines, or sciencerelated disciplines within our Faculty of Engineering and Physical Sciences, with one of our foundation year courses.

What you study

You 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.

Progression onto a degree

After your foundation year, provided you meet the progression criteria of your chosen School, successful completion of the Engineering with an Integrated Foundation Year course guarantees progression onto 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 (see Earth Sciences)

Provided you meet the progression criteria of your 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
- Textile Technology (see Textiles)

Find out more about these subject areas in the relevant pages of this prospectus.

You may discuss the different courses, or your suitability for them, with our Foundation Studies Office, or the relevant admissions tutor. You will also receive further advice during the Integrated Foundation Year.



I am a man of big dreams, and developing the motivation to follow them is no easy feat. The University's history of great scientists and Nobel Prize winners provide that motivation to discover, revolutionise and excel in your field, but you also meet people from all over the world who share your energy and determination.

Haseeb Abbasi

Engineering with an Integrated Foundation Year

77



English Literature and American Studies

TYPICAL OFFER

A-level: AAA-ABB IB: 33-37

For entry requirements to specific courses, see our course index at the back of this prospectus.

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 and Creative Writing BA 3yrs UCAS Code O3W8

History and American Studies BA 3yrs

UCAS Code VT17

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

WHY MANCHESTER?

- One of the UK's largest communities of English and American Studies scholars, with an outstanding research record
- Direct access to internationally famous writers and researchers
- Courses informed by research excellence
- Excellent, comprehensive range of relevant library resources

Find out more...

www.manchester.ac.uk/english ug-eac@manchester.ac.uk t +44 (0)161 275 3107

The most recent Research Assessment Exercise ranked us as the second highest English and American Studies department in the United Kingdom. Our research excellence informs our teaching and our students enjoy masterclasses 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 recently appointed Professor of Creative Writing), Hilary Mantel, Seamus Heaney and Neil Gaiman.

Our University Library includes among its extensive holdings 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.

Our lively, student-run English Literature and American Studies societies offer social and intellectual entertainment through readings, talks, parties, theatre visits and plays.

What you study

English Literature

Enjoy access to the full range of English studies. Alongside 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 both to study Medieval, early modern, 18th and 19th century literatures, 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

Year 1: Gain a solid grounding in debates about the character, nature and purpose of America, and receive a broad introduction to American history, literature and culture.

Year 2: You could study at a North American university; our exchange partners span the continent, from the University of California, to the University of Massachusetts. You also take From Jamestown to James Brown, an innovative interdisciplinary course unit on the African-American experience, and choose other units in American literature, film and history.

Year 3: A compulsory long essay and choice of five units that reflect the research expertise of the American Studies staff. These may include units on California, slavery, the civil rights and black power movements, southern literature, conspiracy culture, film and politics, American masculinities, African-American writing, hip-hop and Hollywood.

American Studies with English or with History

Follow a similar pattern to the American Studies course, except that half of your degree is in English Literature or in History. Compulsory introductory course units in Year 1, the opportunity to study in North America in Year 2, and various interdisciplinary courses in Year 3 complement many of the options and patterns of study outlined above. In Years 2 and 3, you may also opt to take more credits in one part of the degree, adopting a major/minor profile to reflect your interests.

English Literature with Creative Writing

Follow a similar pattern to the English Literature and American Studies courses, except that a third of your degree is in Creative Writing. Compulsory introductory course units in Year 1 on different genres will be followed by intensive workshop courses in Years 2 and 3 with writers based in our Centre for New Writing.

Career opportunities

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



American Studies has allowed me to critically analyse what is perhaps the most powerful country in the world by studying its history, politics and literature... I have found each course unit that I've studied fascinating and can genuinely say I've fully enjoyed my whole degree.

Mikaila Nichols BA American Studies

77



English Language for Education

TYPICAL OFFER

A-level: ABB-BBB IB: 36-31

For entry requirements to specific courses, see our course index at the back of this prospectus.

English Language for Education BA 3yrs

UCAS Code X3Q1

WHY MANCHESTER?

- A solid foundation for a teaching career within various sectors – eg primary/secondary/adult education, workplace learning, TESOL
- Study placements for excellent work experience opportunities
- 100% student satisfaction in the National Student Survey (2012)
- Writing centre (Write Away) enables feedback on essay drafts in progress
- Small year group (up to 25 students) provides a positive and supportive learning environment
- Take up to 20% of your degree in units anywhere within our Faculty of Humanities

Find out more

www.manchester.ac.uk/education laura.black@manchester.ac.uk t +44 (0)161 275 5964

This unique undergraduate course focuses specifically on English language and its connections with education. Our deliberately limited student intake offers you close staff-student relationships, smallgroup teaching and guided, one-to-one supervision.

You may seek a career in school teaching, or in a related vocation such as TESOL (Teaching of English as a Second or Other Language), speech therapy, special educational needs and adult literacy. Maybe you have a strong interest in how people learn: culturally, socially, or psychologically. Or perhaps you love studying contemporary English language and want to find out how it can be applied across a range of real-world settings. Whatever your interests, we have the course units to match.

We look for students who are curious to learn more about issues surrounding English language use, the nature of spoken and written communication, educational issues, and how language reflects and impacts upon wider society and culture. You will explore the psychology and sociology of learning, as well as examine public policy in relation to issues of access, fairness and social justice.

What you study

Individual course units are varied. Units currently available include: Key Themes in Education, Pronunciation and Grammar, Social Justice in Education (Year 1); Words and Context, Psychology of Learning, Language, Education and Society (Year 2); Classroom Communication and Learning, Language Acquisition, Bilingualism (Year 3).

In half of Year 2 and throughout Year 3, most of your course units are optional, allowing you to tailor your curriculum according to your own interests and career aspirations. You also undertake a research report in Year 2 and a final-year dissertation.

Placement

Gain invaluable experience in a work setting via your research project, helping you to discover which kind of career you wish to enter, make the contacts to get your foot in the door, and get an early start in conducting and writing up your own personal research. Many of our graduates are now employed by the company or organisation at which they undertook their placement.

Some students have gained experience working in local schools or colleges. Some collected data from prisoners learning literacy skills. Others have travelled the globe participating in local projects (eg building a new school for children in Ghana), or examining unusual teaching practices (eg the use of music in New Zealand schools to engage autistic children).

Career opportunities

We take your employability very seriously. Aside from the vocational aspects of the research project, our compulsory course unit on Career Management involves guest lectures from people in all sorts of occupations. We also hold regular 'Looking Forward' days, in which recent graduates return to tell current students what they're up to.

The skills you develop, 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 required to design and manage a project with a high degree of autonomy, qualities that will be highly prized in any workplace.

Progression to PGCE is common. Our University runs PGCE programmes at both primary and secondary level, described as "outstanding" by Ofsted.



I flew to Africa and observed teaching methods in a Gambian school for five weeks, while teaching five- to 18-year-olds. This once-in-a-lifetime trip not only allowed me to develop as an individual, but also distinguished me from other potential PGCE candidates.

Laura Lovett

BA English Language for Education





Environmental Science

TYPICAL OFFER

A-level: AAB – ABB IB: 35-33

For entry requirements to specific courses, see our course index at the back of this prospectus.

Environmental Science BSc 3yrs

UCAS Code F850

Environmental Science with a Year Abroad BSc 4yrs UCAS Code F750

Environmental Science with a **Year in Industry BSc 4yrs** UCAS Code F75Z

WHY MANCHESTER?

- One of the largest centres for earth and environmental teaching in the UK
- Diverse exciting fieldwork opportunities, subsidised by the University, as part of your course
- Cutting-edge research that informs our taught courses
- Four-year degree options enable you to take a year abroad or in industry

Find out more...

www.manchester.ac.uk/seaes ug-enviro-sci@manchester.ac.uk t +44 (0)161 275 0776 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.

Based in our School of Earth, Atmospheric and Environmental Sciences, this multidisciplinary degree also includes important contributions from other Schools, particularly Life Sciences, and Environment, Education and Development. We offer a friendly atmosphere and stimulating learning environment, with welcoming, enthusiastic staff and strong expertise over many areas.

Our course provides training for scientists, plus an awareness of environmental problems and solutions. Communication skills are a key component. Fieldwork is also important: you undertake relevant, integrated and exciting subsidised fieldwork in each of your three years. You may also take extra fieldwork options in such places as the French Alps, Ecuador. Greece and South Africa.

What you study

Environmental Science

Study three fundamental scientific strands – biosciences, geosciences and environmental physics through all three years of your degree. Bioscience, applied to key ecosystems, looks at advances in applied environmental biology, microbiology and geomicrobiology in order to understand impacts on the biosphere brought about by changing environmental conditions. Geoscience, applied to Earth processes, uses concepts and examples from geochemistry, biochemistry and mineralogy in order to develop a quantitative understanding of environmental chemistry. Environmental physics. applied to Earth as a system, uses atmospheric physics and geophysics to explain how physics principles may be applied to environmental science

These three strands are woven together by integrative course units via tutorials, field courses, and project-based learning. Course content draws on interdisciplinary research expertise across our School, and entails regular contact with experts, including staff and academic visitors from outside the University. We tailor our curriculum towards job prospects, using input from an industrial board of environmental employers.

You may interact with students from other disciplines on University-wide course units, such as sustainability and leadership, and take selected humanities course units in areas such as planning and economics, where environmental concerns are of increasing importance. An optional Manchester Advanced Technology Enterprise unit teaches you skills to set up your own business.

Year Abroad

Expand your knowledge and understanding of environmental science by studying in a different culture and region of the Earth, at one of our University's partner institutions around the world. You follow course units that complement those available in Manchester, and author a journal reflecting on insights that you gain both from your studies and from engagement with the citizens of the host country. When vou return, vou will give a seminar to Year 2 students explaining what you learned from your time abroad. The year is assessed via your performance in exams at the host institution, your reflective journal and your seminar.

Year in Industry

Apply your environmental science understanding in a professional environment by working for a year in an organisation in the sector. You develop business skills and learn directly which aspects of a career are the most rewarding to you personally. We offer you help in identifying a suitable host organisation, and support through your placement by regular contact with a member of academic staff. The year is assessed via an online reflective journal that you maintain during your placement.

See a full list of course units: http://bit.ly/ruN8Fp

Career opportunities

Our Environmental Science degree can lead to employment opportunities in the commercial, industrial, government and educational sectors, as well as providing the foundation required for further postgraduate study in environmental science and related science-based disciplines. You could find employment in a diverse range of roles, including as a consultant, manager, or scientist working in the field or laboratory.

Our graduates have gone on to successful, high profile careers in the environmental and energy industries, and in academia.



The annual field trips are an integral part of the course, as they have allowed me to gain valuable scientific surveying skills and put the theory I learnt in class into practice.

Sarah Perry BSc Environmental Science

77

Qing-Jun Meng researches biological clocks and their role in age-related disease. He came to Manchester from China in 2003.

Manchester made me... feel welcome

I studied medicine in China and did my PhD in Aviation Medicine and Aerospace Physiology. I got interested in jet lag and body clocks when I was teaching pilots and astronautical medical officers.

I came to Manchester because of its reputation for research into biological timing. We're researching how changes in the body's circadian rhythm during ageing cause disease. We know that circadian rhythms, our body clocks, deteriorate with age and this contributes to many diseases. We're looking at osteoarthritis, which is a well known age-related disease. We're also researching breast cancer because we already know that shift workers have much higher risk compared to people with normal working hours.

Studying circadian rhythm and clock genes is a whole new way of looking at and treating disease. I'm very hopeful we can target body clocks to alleviate symptoms, and help cure and prevent disease, and I'm looking forward to taking the findings of the laboratories to the hospital bedside.

The research environment in Manchester is just excellent. It's a fantastic environment with great faculty support. It's a nurturing environment that's helped me progress so far. The key to successful research is collaboration, and we're in a perfect place to work collaboratively and take advantage of what each partner has. We're ranked very highly within the country – top three in Life Sciences.

We have the best teachers. We use the most up-to-date material in lectures and the techniques and experiments are cutting edge. Students go right to the forefront of the field and are in the lab with the best supervisors by their side.



STUDY ABROAD opportunities

European Studies

TYPICAL OFFER

A-level: ABB-BBB IB: 35-31

For entry requirements to specific courses, see our course index at the back of this prospectus.

European Studies and a Modern Language (French) BA 4yrs UCAS Code RR19

European Studies and a Modern Language (German) BA 4yrs UCAS Code RR29

European Studies and a Modern Language (Italian) BA 4yrs UCAS Code RR39

European Studies and a Modern Language (Portuguese) BA 4yrs UCAS Code RR59

European Studies and a Modern Language (Russian) BA 4yrs

UCAS Code RR97

European Studies and a Modern Language (Spanish) BA 4yrs UCAS Code RR49

See also Modern Languages.

WHY MANCHESTER?

- The chance to place your language studies within the wider context of European and general politics
- Diverse choice of subjects complementary to your language studies, from literature to political history
- Year abroad in a country where your chosen language is spoken

Find out more...

www.manchester.ac.uk/alc ug.languages@manchester.ac.uk t +44 (0)161 275 3211

For candidates with appropriate qualifications, our courses in European Studies and a Modern Language offer you an alternative approach to language studies at undergraduate level. They encourage you to develop a problem-solving approach to the real world, recognising that contemporary European problems and issues cannot be broken down into neat academic disciplines.

What you study

These courses have at their centre the principal elements of a Single Honours language course combined with core units in politics, focusing on contemporary Europe and the European Union. You will develop your knowledge of Europe and, in particular, of your chosen language and culture.

You also have a choice of further units in politics, or course units in economics, history, or sociology. A further language can also be studied. These choices widen in the second and final years of the course, allowing you to pursue your particular interests.

We will equip you with strong analytical skills, an informed understanding of contemporary European developments, and written and oral competence in one major European language to degree level.

Core language course units are complemented by choices from a wide range of other subjects, including the following: culture, society, literature, linguistics, history, art and cinema related to your main language; world and European politics; economics; economic, social, or political history; sociology or social anthropology; and a wide range of additional languages.

See Modern Languages.



I wanted to further my knowledge of the European Union, yet the course itself provides much more than just that. It's amazing because you get to study not only politics, but also sociology, history, economics and a modern language as well.

Victor Badilas

BA European Studies and Modern Language (German)







French

TYPICAL OFFER

A-level: AAB-ABB IB: 36-33

For entry requirements to specific courses, see our course index at the back of this prospectus.

English Language and French BA 4yrs

UCAS Code QR31

English Literature and a Modern Language (French) BA 4yrs UCAS Code RO13

French and Linguistics BA 4yrs

UCAS Code RQ11 French and Screen Studies

UCAS Code RW16

BA 4yrs

French Studies BA 4yrs UCAS Code R110

History and French BA 4yrs UCAS Code VR11

History of Art and a Modern Language (French) BA 4yrs UCAS Code RV13

Modern Language and Business and Management (French) BA 4vrs

UCAS Code NR11

French may also be studied at Honours level with another modern language (Arabic, Chinese, German, Hebrew, Italian, Japanese, Portuguese, Russian, or Spanish) – see Modern Languages.

See also European Studies, Art History and Visual Studies, Life Sciences, Linguistics and English Language, Mathematics.

WHY MANCHESTER?

- One of the largest and oldest centres in the UK for French and Francophone studies
- Exceptionally wide range of course units, from the medieval to the contemporary period
- Renowned expertise in visual cultures of the French-speaking world
- Teaching by international and national specialists with outstanding scholarship and research activities
- Year 3 spent abroad in a Frenchspeaking country

Find out more...

www.manchester.ac.uk/alc ug.languages@manchester.ac.uk t +44 (0)161 275 3211

Firmly committed to high quality language teaching, we are fortunate to have many native speakers of French among our staff; individuals who, as part of a dedicated language teaching team, will enable you to practise, extend and refine your French language skills.

You have around 15 hours per week of scheduled learning activities, such as lectures, seminars, language work, coursework surgeries and revision sessions, plus diverse online materials specially devised to help you in your studies.

By engaging in discussions and delivering regular presentations in seminars, you will improve your communication skills. Our core language teaching enables you to develop various linguistic skills: speaking and writing accurate French; understanding and analysing audio-visual and written material; using different registers; speaking to a group with confidence; translating with appropriate sensitivity; and mastering the techniques of argument in written French.

A lively student-run French Society organises social events throughout the year, including trips to France. We also enjoy a close relationship with the Manchester branch of the Alliance Française, and with the independent arts and cinema centre Cornerhouse and the Contact Theatre (which hosts the annual French play during the Palaver Language Festival).

What you study

Years 1 and 2: Reinforce your skills of linguistic acquisition and independent learning via core language course units, including intensive small-group teaching supported by independent language learning tasks.

Year 3: Spend the year in a Frenchspeaking country, where you can complete a work placement, work as a British Council English Language Assistant, or study at one of our many partner universities (Paris, Lille, Rennes, Lyon, Poitiers, Avignon, Toulouse, Brussels, Geneva, Grenoble, Quebec, Martinique and La Réunion).

Year 4: Further develop your awareness of correct idiomatic and grammatical usage in written and spoken French, and strengthen your skills of translation between French and English.

You can, for example, study units in: French and Francophone



cinema and photography; art; music; linguistics and translation studies; aspects of medieval and renaissance society and culture; the evolution of literary and visual texts; theatre and performance; history and thought; gender and sexuality; post-colonialism; and multiculturalism.

Single Honours degree

French Studies

Gain a thorough grounding in the language, society and culture of the French-speaking world. Core language course units – including comprehension, translation, grammar and oral work with native speakers – are complemented by an unusually wide range of subjects, including French culture, society, literature, linguistics, history, thought, art, photography, cinema and performance.

In your first two years, you can also study one or two course units in another subject (free-choice options) chosen from a very wide range within our Faculty of Humanities.

Joint Honours degrees

In all degree courses below, you study both subjects equally in Year 1, then, in subsequent years, you can maintain this balance, or devote more weight to one subject.

English Language and French

Course units in the structure, history and varieties of English are complemented by units in general linguistics and sociolinguistics. Core French language units are complemented by units in French and Francophone culture, society, literature, linguistics, history, thought, art and cinema.

English Literature and a Modern Language (French)

Core French language course units are complemented by a huge range of other subjects, including areas of English language, cultural theory, and literature, and of French and Francophone culture, society, literature, linguistics, history, thought, art, and cinema. Several French units are taught in French.

French and Screen Studies

Combine the study of French language and French and Francophone culture, society, literature, linguistics, history, thought and art, with the study of core course units in understanding film, its history and prehistory, and its development across other media (eg television, DVD, internet distribution).

History and French

Core French language course units are complemented by other units on diverse subjects, including aspects of cultural, political, social, economic, and military history, from ancient times to the current century; and French and Francophone culture, society, literature, linguistics, history, and cinema.

History of Art and a Modern Language (French)

Gain a comprehensive grounding in both the history of art and language and culture in the French-speaking world. Core French language course units are complemented by numerous other units covering aspects of art from around the world, and art-related thought, from Ancient Greece to the present; and French and

Francophone culture, society, literature, linguistics, history, art, thought, and cinema.

Modern Language and Business and Management (French)

Core French language course units are complemented by units covering aspects of French and Francophone culture, society, literature, linguistics, history, art, photography and cinema. You also study aspects of management, economics, finance, accounting and European and international issues in business.



I've studied impressionism, theatre, medieval poetry, Dadaism, colonialism, phonetics, pragmatics, the Enlightenment, biometrics, social realism, World War II, the French New Wave, comedy and tragedy – and lived in Quebec. All thanks to French at The University of Manchester. What else could I have asked for?

Jack StokesBA French Studies

77





Geography

TYPICAL OFFER

Four-year courses A-level: AAA

IB: 36

Three-year courses A-level: AAB IB: 35

For entry requirements to specific courses, see our course index at the back of this prospectus.

Geography BA 3yrs

UCAS Code L700

Geography BSc 3yrs UCAS Code F802

Geography with International Study BA 4yrs

UCAS Code LF78

Geography with International Study BSc 4yrs

UCAS Code FL87

Geography (Integrated Masters) MGeog 4yrs

UCAS Code F800

See also Environmental Science, Earth Sciences, Planning

WHY MANCHESTER?

- One of the best-equipped universities at which to study geography in Europe
- Course that is unique in the degree of flexibility it offers you to structure your own programme of study
- Several field courses across all fields of study enable you to learn and meet with staff and students in an informal atmosphere
- Study abroad option for a year, and associated dissertation work

Find out more...

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

Our teaching and research interests cover most aspects of geography, while our extensive facilities include map and book libraries, audiovisual equipment, laboratories and computer clusters with networked PCs and internet access

Each course has its own induction to help you settle in; for example, Single Honours students begin their degree with a three-day field course in the Lake District. You also get to know your fellow students better through social events organised by the Manchester University Geographical Society (MUGS).

What you study

Geography

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. You have increasing flexibility as you progress, so that by the final year you choose three from about 12 course units.

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

Geography with International Study

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. Dissertation work is usually related to this period of study.

Geography Integrated Masters (MGeog)

Offered for the first time this year, our exciting new course enables you to take the basic Geography course plus a specialist fourth year leading to a Master of Geography qualification. Unlike freestanding master's courses, all four years of this course are eligible for student loan support.

In Year 4, you complete a yearlong research project, choose four course units from a wide choice 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. Beyond the two core units, there are no restrictions on choice, so you can tailor the programme to your own requirements. Each option is taught by researchers actively working in the field, so you will explore and engage with cuttingedge geographical research.

An alternative version of the MGeog, an MGeog with Planning degree, has recently also been approved by the University. See Planning for details.

Career opportunities

Surveys show that geography graduates are very employable. You will offer a range of analytical techniques, including literacy, numeracy and ICT ability, as well as skills in presentation, problemsolving 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 the legal profession. You could also do postgraduate study, or vocational training.



I've loved studying Geography at Manchester. A wide variety of course units is on offer, with lecturers at the cutting edge of research. You can study anything from rivers and climate change to globalisation and politics, so there's something for everyone.

Stephanie Dylak BSc Geography





STUDY ABROAD opportunities

German

TYPICAL OFFER

A-level: AAB-BBB IB: 36-31

For entry requirements to specific courses, see our course index at the back of this prospectus.

English Language and German BA 4yrs UCAS Code QR32

English Literature and a Modern Language (German) BA 4yrs

UCAS Code RQ23

European Studies and German BA 4 yrs UCAS Code RR29

German and Linguistics BA 4yrs UCAS Code RQ21

German and Screen Studies BA 4yrs UCAS Code RW26

German Studies BA 4yrs

UCAS Code R210

History and German BA 4yrs UCAS Code VR12

History of Art and a Modern Language (German) BA 4yrs UCAS Code RV23

Modern Language and Business and Management (German) BA 4yrs

UCAS Code NR12

See also European Studies, Linguistics and English Language, Modern Languages. German may also be studied with Life Sciences and Mathematics. You may also study German from beginners' level or post A-level with Arabic, Chinese, French, Hebrew, Italian, Japanese, Portuguese, Russian, or Spanish – see Modern Languages.

WHY MANCHESTER?

- International reputation as a leading British centre for German studies, balancing tradition and innovation
- Broad range of expertise, including history, politics, film and cultural studies, as well as linguistics and literature
- Exceptional range of courses mirroring the vitality and diversity of German culture
- On-campus branch of the Goethe-Institut's Examination Centre, whose qualifications we are accredited to offer
- Exceptional freedom and flexibility to choose course units that interest you

Find out more...

www.manchester.ac.uk/alc ug.languages@manchester.ac.uk t +44 (0)161 275 3211

You are in regular contact with German native speakers from the start of your course, thanks to Manchester's working partnership with the DAAD (German Academic Exchange Service) and the Austrian Cultural Institute. As well as helping you to develop your oral and written skills (including German for business purposes), our native speakers keep you abreast of political, social and cultural affairs in the German-speaking countries.

You'll also have access to rich resources: the holdings of our University Library are outstanding in all areas of German Studies.

We have Erasmus exchanges with the universities of Basel, Berlin, Freiburg, Hamburg, Heidelberg, Innsbruck and Leipzig, and sponsor students to work as English language assistants in schools during the time that is spent in a German-speaking country.

We maintain a lively research culture through regular research seminars and academic conferences. Interdisciplinary research includes work on culture and dictatorship, dialects and language obsolescence, diaspora and minority cultures, Holocaust studies, German art and architecture, and aspects of German culture from the 19th century to the present day.

Our German Society is one of the liveliest student societies in the Faculty and maintains a regular programme of events, including the Stammtisch, parties, film nights and theatre trips; the highlight is the annual German play at the Contact Theatre on campus. A recent Brecht production was taken to the Edinburgh Festival, and in 2011 Manchester hosted the intervarsity football tournament, the 'Sauerkraut Cup'.

What you study

In all courses, you have around 15 hours per week of scheduled learning activities, such as lectures, seminars, language work, coursework 'surgeries' and revision sessions.



German Studies

Gain a thorough grounding in German language and culture via core language course units – including oral work, comprehension, translation and grammar with native speakers – complemented by diverse subjects such as German culture, society, literature, linguistics, history, art and cinema. Language teaching takes place in German.

In Years 1 and 2, you may study one or two course units in another subject (free choice options), which can include a second language.

English Literature and a Modern Language (German)

Combine core German language study with German units in culture, society, literature, linguistics, history, art and cinema, and the broadly chronological study of literature, from the Anglo Saxon period to the present day.

In Year 1, you study both subjects equally; in later years, you can maintain this equal weighting, or devote more weight to one subject. You spend Year 3 in a German-speaking country.

History of Art and a Modern Language (German)

Combine German language study with numerous other units covering aspects of European and North American art, and art-related thought, from Ancient Greece to the present; and German culture, society, literature, linguistics, history, art, and cinema.

In Year 1, you study both subjects equally; in later years, you can maintain this balance, or devote more weight to one subject.

Modern Language and Business and Management (German)

Combine German language study with units covering aspects of German culture, society, literature, linguistics, history, art, and cinema. You also study aspects of management, economics, finance, accounting and international issues in business.

In Year 1, you study both subjects equally; in later years, you can maintain this balance, or devote more weight to German. You spend Year 3 in a German-speaking country.

English Language and German

Study the structure, history and varieties of English alongside general linguistics and sociolinguistics, combined with core language units in German and various other units in German culture, society, literature, linguistics, history, art and cinema.

In Year 1, you study both subjects equally; in later years, you can maintain this balance, or devote more weight to one subject. You spend Year 3 in a Germanspeaking country.

History and German

Combine German language study with units on very diverse subjects, including aspects of cultural, political, social, economic, and military history, from ancient times to the 21st century, and German culture, society, literature, linguistics, history and cinema.

In Year 1, you study both subjects equally; in later years, you can maintain this balance, or devote more weight to German. You spend Year 3 in a German-speaking country.

German and Screen Studies

Study German language, culture, society, literature, linguistics, history, thought and art, with core course units in understanding film, its history and pre-history, and its development across other media (eg television, DVD, internet distribution).

In Year 1, you study both subjects equally; in later years, you can maintain this balance, or devote more weight to one subject. You spend Year 3 in a Germanspeaking country.

See Modern Languages.



Being taught by lecturers who are among the best in their fields, having a brilliant year abroad in Berlin, and generally being part of such a friendly and supportive department have made my time studying German at Manchester a fantastic experience.

Abbie Cresswell

BA History and German





STUDY ABROAD opportunities

History

TYPICAL OFFER

MHist and History (Single Honours) A-level: AAA/AAB

IB: 37

Politics and Modern History A-level: AAB/ABB

IB: 35-33

History and Sociology; Modern History with Economics A-level: ABB/BBB

IB: 33-32

For entry requirements to specific courses, see our course index at the back of this prospectus.

History BA 3yrs UCAS Code V100

History with Integrated Masters MHist 4yrs UCAS Code V101

History and Sociology BA 3yrs UCAS Code VL13

Modern History with Economics BA 3yrs UCAS Code V136

Politics and Modern History BA 3vrs

UCAS Code VL12

See also Archaeology, Classics and Ancient History, English and American Studies, Modern Languages.

WHY MANCHESTER?

- One of the largest concentrations of history experts in the country, and a wide variety of courses
- Scholarship of international standing, as represented by our global reputation for research, which keeps course content cutting-edge
- Library facilities among the very best in the country

Find out more...

www.manchester.ac.uk/history ug-hist@manchester.ac.uk t +44 (0)161 306 1251

History at Manchester is taught by staff at the very 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. You are supported by academic advisors, student mentors and a helpful, highly efficient administrative staff, and will also benefit from exceptional computing facilities.

We support all our course units by a comprehensive Blackboard virtual learning environment, and use e-learning to aid your development and ensure you receive timely and constructive feedback on written work.

What you study

History

Our most popular and flexible course. Choose from a diverse range of course units from history, as well as from 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.

Final-year units offer in-depth studies chosen from particular topics in British, European, American, African and Asian history, in one of which you write a dissertation involving independent research.

You may also spend part of your degree studying abroad.



History with Integrated Masters

Take the Manchester MHist: a four-year advanced degree course currently unique amongst English universities. After following the three-year History Honours course, you receive specialist research training while undertaking advanced master's-level course units in Year 4.

The high entry requirement for this degree reflects the expectation that students of high calibre will compete for entry to achieve a master's-level degree via our undergraduate entry system.

Modern History with Economics

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. As part of this degree, you take one course unit in economics in each year. Your final-year dissertation is a major study involving independent research.

History and Sociology

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 and, by gaining skills across two disciplines, you will be equipped

to produce rich and sophisticated research. You may write a finalyear dissertation in either subject.

Politics and Modern History

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.

Career opportunities

The skills you acquire as an historian are particularly desirable to employers. You could find work in areas related to your particular degree, or consider a wide range of professions and careers for which a good degree, rather than a specific subject, is required. Your ability to manage and analyse diverse data and your literacy and communication skills will be valued highly in the job market.

Many graduates choose to continue their studies by taking a graduate programme at Manchester, or elsewhere. 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.



Manchester is a really exciting place to study history because there are loads of lecturers with really diverse and fascinating expertise. What's more, we are in a city with enormous historical significance: history at Manchester isn't just words in books, it's the buildings, the mills and exchanges, the fabric of the city. I am also enjoying the opportunities to get involved with other projects; this year I am one of the editors of The Manchester Historian, the department's magazine.

Charlie Bush BA History

Human Communication

TYPICAL OFFER

A-level: BBB (Healthcare Science), AAB (Speech and Language Therapy)

IB: 31 (Healthcare Science), 35 (Speech and Language Therapy)

For entry requirements to specific courses, see our course index at the back of this prospectus.

Healthcare Science (Audiology) BSc 3yrs

UCAS Code B611

Speech and Language Therapy BSc 4yrs

UCAS Code B620

WHY MANCHESTER?

- Long, distinguished history in human communication, dating back to 1919
- Extensive clinical experience alongside academic and practical work, preparing you fully for your future career
- NHS-funded Speech and Language Therapy course, meaning no tuition fees for UK/EU students; UK students may also apply for an NHS bursary
- Healthcare Science (Audiology) course approved as a training programme for both NHS and private sector

Find out more...

www.psychsci.manchester.ac.uk ug-audiology@manchester.ac.uk ug-slt@manchester.ac.uk tel +44 (0)161 275 3389 Founded in 1919 as the Department for Education of the Deaf, our Division of Human Communication and Deafness is now part of the School of Psychological Sciences, focusing on the study of audiology and deafness, speech and language therapy, and human communication.

What you study

Healthcare Science (Audiology)

Our new three-year course provides the entry-level training needs of clinical audiologists wishing to work in the NHS, education and independent health care services.

Gain a broad understanding of audiological principles, theory and knowledge, which can be translated into thoughtful, reflective and quality practice. We also offer, monitor and evaluate a wide range of appropriate clinical experience.

Within the 'Department of Health's Modernising Scientific Careers' framework, audiology has been grouped with neurophysiology and vision sciences. Elements of these areas therefore also form part of the first year of your degree.

You cover theoretical, practical and clinical aspects of audiology and related neurosensory topics, studying academic components in all three years. In Years 1 and 2, substantial practical skills training takes place in our well-equipped laboratories. You undertake supervised clinical education and practice within NHS and independent sector clinics in all three years.

Year 1: Get a general foundation in healthcare science, including general anatomy and physiology and pathophysiology of the neurosensory systems. Learn the technology involved in relation to diagnostic testing procedures and explore the perception of disease and health psychology. Discover specific techniques for evaluating hearing (and other senses), including brain processing and how we, as health care professionals, can help improve the quality of people's lives.

Begin to develop your practical skills in conducting various clinical test procedures, including hearing assessments, and learn to communicate effectively with people who experience hearing loss. Finally, discover the basic principles and theories that underpin aural rehabilitation. You also explore a patient-centred approach to healthcare delivery.

From week eight of semester one onwards, you work on placement for two days each week.

Year 2: Focus more on specific areas of audiology, including the more complex aspects of hearing and balance assessments, adult aural rehabilitation and state-of-the-art digital technology, including hearing aids and cochlear implants. As well as broader elements of patient care, you explore public health issues and how healthcare is delivered in the NHS and beyond, and study research methods and statistics. You also undertake a 15-week clinical placement.

Year 3: Develop your specialist knowledge and understanding in audiological science, and your ability to apply this to clinical practice. You may also choose one subject as an optional course unit from a number of areas, such as: Introduction to Vestibular Assessment, or Paediatric Audiology.

You'll also conduct an individual research project, supervised by one of our researchers, and undertake a 22-week clinic placement, where you will build on your clinical skills and learn to apply them to whole patient journeys.

Speech and Language Therapy

Speech and language therapists identify, assess and support the needs of people with swallowing and communication disorders - eq children who have failed to develop some aspect of their communication ability, adults who have acquired communication and swallowing disorders through stroke, adults with learning difficulties, people with voice problems, or people with a stammer. The aim is often to help individuals develop the most effective form of communication within their social environment

You develop the core theoretical knowledge and specialist clinical skills required to support the needs of people with communication and swallowing difficulties. All years include academic and practical work, with considerable clinical experience.

Year 1: Cover subjects essential for an understanding of typical speech, language and swallowing, including: anatomy and physiology; audiology; linguistics; lifespan development; and psychology. You undertake local clinical 'taster' placement sessions.

Years 2, 3 and 4: Focus mostly on specific communication and swallowing difficulties by client group, and clinical experience. You also study clinical linguistics, statistics and research design.

You undertake block clinical placements of between four and eight weeks. Placement settings vary and include community-based visits, hospitals, schools or clinics. Gain experience of working in a professional team, with clients of all ages who have a range of communication and swallowing disorders, developmental and acquired. Placements and associated supervisory support are organised in partnership with speech and language therapy service providers in the North West. They can be anywhere in this region, so you may need temporary accommodation during your placement.

Funding for Speech and Language Therapy

All UK and EU students have their tuition fees paid in full by the NHS. Unfortunately, due to funding issues, we are only able to accept applications from EU citizens. UK students may also apply for a means-tested bursary; should you receive this, you are entitled to claim excess travel expenses.

Career opportunities

With a BSc (Hons) Healthcare Science degree and a clinical qualification, you can register as an audiologist and work in the NHS, or apply for registration with the Health and Care Professions Council to work in the independent sector as a hearing aid dispenser. Alternatively, previous graduates have undertaken further courses at Manchester, such as the MSc in Advanced Audiology, the highly competitive MSc in Clinical Science (Neurosensory Science), or a PhD. Further opportunities include research, or employment in independent sector audiology services and the hearing aid manufacturing industry.

Speech and language therapists in the UK are mainly employed by the NHS, although there are opportunities within charitable and private organisations. Many therapists work in educational settings, while some set up in independent practice or take research posts. There are also opportunities overseas.



I have had a wonderful year, enjoyed every moment (well almost, as the Anatomy and Physiology practicals were slightly daunting!) and learnt so much. I am taking away so much knowledge from my first year.

Maxine Winstanley

BSc Speech and Language Therapy





Italian

TYPICAL OFFER

A-level: AAB-BBB IB: 35-31

For entry requirements to specific courses, see our course index at the back of this prospectus.

English Literature and a Modern Language (Italian) BA 4yrs

UCAS Code RQ33

English Language and Italian BA 4yrs

UCAS Code QR33

History and Italian BA 4yrs UCAS Code RV31

History of Art and a Modern Language (Italian) BA 4yrs UCAS Code RV33

Italian Studies BA 4yrs

UCAS Code R300

Italian and Linguistics BA 4yrs UCAS Code RQ31

Italian and Screen Studies BA 4yrs

UCAS Code RW36

Modern Language and Business and Management (Italian) BA 4yrs

UCAS Code NR13

See also Business and Management, Linguistics and English Language, and Modern Languages. Italian may also be studied with Latin (see Classics and Ancient History) and Life Sciences. You may also study Italian from scratch or post A-level, with Arabic, Chinese, French, German, Hebrew, Japanese, Portuguese, Russian, or Spanish (see Modern Languages).

WHY MANCHESTER?

- One of the top-rated departments in the UK with consistently high levels of student satisfaction
- Direct access throughout to leading experts with international research reputations
- Largest available selection of combined BA degrees with Italian
- Excellence in teaching: several staff have won University teaching awards and have been recognised nationally for their innovative use of e-learning
- World-class library holdings in Italian studies, including the largest collection of early Italian printed books in the world, and an impressive Italian manuscript collection

Find out more...

www.manchester.ac.uk/alc ug.languages@manchester.ac.uk t +44 (0)161 275 3211 Italian studies at Manchester combines innovative teaching methods with expertise in diverse areas such as cultural history, linguistics, translation studies, visual culture and history of the book. In 2010 and 2011 our department secured a sectorleading 100% in the National Student Survey, proudly continuing a tradition of excellent teaching that dates back to the

Italian history and culture were of particular interest to the Victorian merchants of northern England; an inheritance that is readily observable in the fabric of Manchester today, from the Free Trade Hall and the Portico Library, to the John Rylands Library and Manchester Town Hall. We build on this cultural heritage in our teaching, making use of our world-class holdings of early manuscripts and books, prints and paintings, and contemporary literary archives and special collections that these merchants imported from Italy.

We offer something for all tastes: from the factional politics of the medieval communes and the works of Dante and Boccaccio, to the emergence of Italy as a nation in the 19th century; from the advent and fall of fascism, to the mythology of Renaissance art; from the relation of language forms to social contexts, to the literary forms of the Italian novel.

Our purpose-designed courses are informed by the latest developments in language pedagogy and delivered by native speakers. While face-to-face teaching remains at the heart of our courses, we supplement this

with a range of innovative e-learning techniques that allow you to access material in multiple formats and link up directly with fellow students in Italy.

Each year we accept around 50 students, of whom two-thirds start the language from scratch. We assume no prior knowledge and are confident that the speed and intensity of the course will soon sweep you up in its momentum. If you are unsure of your level, try our pre-registration diagnostic test online and we'll ensure you start from the right point.

Post A-level (or equivalent) candidates have a separate course unit in Year 1 building confidence across your reading, writing and spoken skills. We deliver our cultural course units in both English and Italian and teach and assess you via a range of innovative teaching techniques that seek to build your competence in transferable skills and e-learning.

Our students organise social events throughout the year, especially when you arrive, when you will meet peer mentors who will have contacted you prior to arrival.

You will strengthen your competency over all applied language skills, from speaking and writing, to aural and translation work across a range of registers and media. You can also benefit from units that examine business Italian: from involvement with VPal, which connects you by video-link to a student in a partner Italian university for conversation; or from taking a language exam validated by the Italian Ministry of Education, if you are thinking of working abroad. We are currently the sole UK examination centre for the PLIDA language qualifications.

For your year abroad, you can choose to complete work placements, work in a school as a British Council English language assistant, or take advantage of our wide variety of Erasmus exchanges, which includes Bergamo, Bologna, Cagliari, Ferrara, Macerata, Naples, Palermo, Perugia, Pisa and Siena.

What you study

In all courses, you have around 15 hours per week of scheduled learning activities, such as lectures, seminars, language work, coursework 'surgeries' and revision sessions. You spend Year 3 abroad.

Italian Studies

Enjoy our fullest immersion and most comprehensive study of Italian language and culture. Take core language units complemented by culture units that cover a broad chronological and subject spectrum. Language units involve applied language skills, including comprehension, translation, grammar and oral work with native speakers.

In Year 1, learn the skills required to read Italian culture, with introductory units on Italian linguistic forms, contemporary Italian culture, visual culture and reading medieval and renaissance culture. You then apply these skills in Years 2 and 4. In Years 1 and 2, you may study one or two units in another subject.

Joint courses

In all the following courses, you study both subjects equally in Year 1; in later years, you can maintain this balance, or devote more weight to one subject.

ABCDEFGH



English Literature and a Modern Language (Italian)

Combine core Italian language units with diverse other subjects, including areas of English language, cultural theory and literature, and of Italian culture, society, literature, linguistics, history, art and cinema.

History of Art and a Modern Language (Italian)

Combine core Italian language units with numerous other units covering aspects of European and North American art, and art-related thought, from Ancient Greece to the present; Italian culture, society, literature, linguistics, history, art and cinema.

Modern Language and Business and Management (Italian)

Combine core Italian language units with units covering aspects of Italian culture, society, literature, linguistics, history, art and cinema. You also study aspects of management, economics finance, accounting and international issues in business.

English Language and Italian

Study the structure, history and varieties of English alongside general linguistics and sociolinguistics, combined with core Italian language units and units in Italian culture, society, literature, linguistics, history, art and cinema.

History and Italian

Combine core Italian language units with units on diverse subjects, including aspects of cultural, political, social, economic, and military history, from ancient times to the 21st century, and Italian culture, society, literature, linguistics, history and cinema.

Italian and Screen Studies

Combine the study of Italian language, culture, society, literature, linguistics, history and art, with core course units in understanding film, its history and pre-history, and its development across other media (eg television, DVD, internet distribution).



I was an ab initio student in Italian but, thanks to the excellent teaching and encouragement from our Italian lecturers, I now feel very confident in Italian. Because it is a relatively small department, it is very friendly and everyone knows each other. For my year abroad I spent a semester studying in Ferrara, a small town in the north of Italy, where I fell in love with genuine Italian pizza and coffee. and was able to travel all over the country.

Alexandra Manley
BA French and Italian



Dr Jen, who came to Manchester as an undergraduate in 2000, wears many different hats. She's a lecturer in Human Geography but she's also the School of Environment and Development's champion for employability. And she also runs Venture Uganda, which has won two awards for enterprise.

Manchester made me... passionate about geography

I was attracted to Manchester by the flexibility of the Geography course and because I loved the city. It's so vibrant and so full of history and culture – a really inspiring place to be. Manchester is a wonderful city with incredible heritage.

When I started my PhD I set up Venture Uganda, a business that offers bespoke fieldwork and holidays to Uganda. The idea is that we'll use the profits of the business to build a school of social enterprise out in Uganda that will work as a poverty alleviation tool. It's enterprise at its most pragmatic level with no loans and no borrowing.

We won the Venture Out and Venture Further competitions run by the Manchester Enterprise Centre. One of the things I love about the University is that everybody is open to ideas and to making things happen.

This is a very supportive environment both to work and to learn in. We joke about the Geography family. I love it when a student comes to me with an idea they want to play around with. It's an incredibly nurturing environment for ideas and a space to share inspiration and I'm particularly proud when a student leaves my office with a big grin on their face because they understand.

I'm researching maternal child health in Uganda and it's wonderful that my research can feed into my teaching. This means I can stand in front of my students with real energy and enthusiasm and real passion. By applying theory to reality we begin to make students realise that as geographers they are well equipped to view the world differently, to identify problems, and also to see where and how to make changes.

We encourage students to be global citizens, to be aware of their social responsibility and to be real leaders. Studying Geography prepares you to tackle anything the world might throw at you!



Geography graduate and Lecturer in Human Geography





Japanese

TYPICAL OFFER

A-level: ABB IB: 35

For entry requirements to specific courses, see our course index at the back of this prospectus.

English Language and Japanese BA 4yrs

UCAS Code QT32

Japanese and Screen Studies BA 4yrs

UCAS Code TW26

Japanese Studies BA 4yrs UCAS Code T200

Linguistics and Japanese BA 4yrs

UCAS Code QT12

Modern Language and Business and Management (Japanese) BA 4yrs

UCAS Code TN92

See also Linguistics and English Language. Japanese may also be studied from beginners' or post AS-level alongside Chinese, French, German, Italian, Portuguese, Russian, or Spanish (see Modern Languages).

WHY MANCHESTER?

- Wide choice of degree courses
- Firm grounding in the language, contemporary culture and society of Japan, with a historically contextualised understanding of Japan's place in the world
- Courses that cater for different needs and levels; language study from beginner to advanced
- One year spent in a Japanese university

Find out more...

www.manchester.ac.uk/alc ug.languages@manchester.ac.uk t +44 (0)161 275 3211

Japan's importance as a global economic and cultural power has long been recognised. At Manchester, we enable you to understand contemporary Japan through its language, culture and history.

What you study

On all courses, you spend Year 3 at a university in Japan to improve your language skills while gaining first-hand knowledge of daily life.

Japanese Studies

Study Japanese language throughout, with core language units to develop your linguistic skills: speaking and writing; understanding and analysing audio, video and written material; using different registers; speaking confidently to a group; and translating with sensitivity. You can also study Japan-related topics such as society, popular culture and religions, drawing on our wide range of research expertise.

English Language and Japanese

Study the structure, history and varieties of English alongside units in general linguistics and sociolinguistics, with core Japanese language units and units in areas such as Japanese history, society, popular culture and religions. In Year 4, you study core Japanese language units and specialised English language units, with various optional units.

Modern Language and Business and Management (Japanese)

Study Japanese language, culture, business and management in global contexts. Core language units are complemented by units covering aspects of management, finance, economics, accounting and international business issues. In Year 1, you study both subjects equally; later, you can maintain this balance, or devote more weight to Japanese.

Japanese and Screen Studies

Combine Japanese language and culture with core units in understanding film, its history and pre-history, and its development across other media (eg TV, DVD, internet distribution). In Year 1 you study both subjects equally; later, you can maintain this balance, or devote up to two-thirds of your time on either subject.

66

The educational level here is very good: from being a complete beginner I can now talk to Japanese people in their language. I would not be able to progress this much without our teachers' help. I am looking forward to my year in Japan.

Anastasija Ozerova

BA Linguistics and Japanese

77

STUDY ABROAD opportunities

Joint Language Courses

TYPICAL OFFER

A-level: AAA-BBB IB: 37-31

For entry requirements to specific courses, see our course index at the back of this prospectus.

Chinese and Japanese BA 4yrs UCAS Code TT12

Chinese and Japanese IPML 4yrs UCAS Code TT1F

French and Chinese BA 4yrs UCAS Code RT11

French and Chinese IPML 4yrs UCAS Code TR11

French and German BA 4yrs UCAS Code RR12

French and German IPML 4yrs UCAS Code RRC2

French and Italian BA 4yrs

UCAS Code RR13

French and Italian IPML 4yrs UCAS Code RRC3

French and Japanese BA 4yrs UCAS Code RT12

French and Japanese IPML 4yrs UCAS Code RT1F

French and Portuguese BA 4yrs UCAS Code RR15

French and Russian BA 4yrs UCAS Code RR17

French and Russian IPML 4yrs UCAS Code RRC7

French and Spanish BA 4yrs UCAS Code RR14

French and Spanish IPML 4yrs UCAS Code RRC4

German and Chinese BA 4yrs UCAS Code RT21

German and Chinese IPML 4yrs UCAS Code TR12

German and Italian BA 4yrs UCAS Code RR23

German and Italian IPML 4yrs UCAS Code RRF3

German and Japanese BA 4yrs UCAS Code RT22

German and Japanese IPML 4yrs UCAS Code RT2F

German and Portuguese BA 4yrs UCAS Code RR25

German and Russian BA 4yrs UCAS Code RR27

German and Russian IPML 4yrs UCAS Code RRF7

German and Spanish BA 4yrs UCAS Code RR24

German and Spanish IPML 4yrs UCAS Code RRF4

Italian and Chinese BA 4yrs UCAS Code RT31

Italian and Chinese IPML 4yrs UCAS Code TR13

Italian and Japanese BA 4yrs
UCAS Code RT32

Italian and Japanese IPML 4yrs UCAS Code RT3F

Italian and Portuguese BA 4yrs UCAS Code RR35

Italian and Russian BA 4yrs UCAS Code RR37

Italian and Russian IPML 4yrs UCAS Code RRH7

Italian and Spanish BA 4yrs UCAS Code RR34

Italian and Spanish IPML 4yrs UCAS Code RRH4

Portuguese and Chinese BA 4yrs UCAS Code RT51

Portuguese and Japanese BA 4yrs

UCAS Code TR25

Russian and Chinese BA 4yrs UCAS Code RT71

Russian and Chinese IPML 4yrs UCAS Code TR17

Russian and Japanese BA 4yrs UCAS Code RT72

Russian and Japanese IPML 4yrs UCAS Code RT7F

Russian and Portuguese BA 4yrs UCAS Code RR57

Russian and Spanish BA 4yrs UCAS Code RR74

Russian and Spanish IPML 4yrs UCAS Code RR47

Spanish and Chinese BA 4yrs UCAS Code RT41

Spanish and Chinese IPML 4yrs UCAS Code TR14

Spanish and Japanese BA 4yrs UCAS Code RT42

Spanish and Japanese IPML 4yrs UCAS Code RT4F

Spanish and Portuguese BA 4yrs
UCAS Code RRK5

WHY MANCHESTER?

- Modern language provision among the largest and most diverse in the UK, with varied, flexible courses
- Training in the modern spoken and written language, through oral classes with native speakers and various other activities, such as comprehension and grammar work
- Language study complemented by the study of linguistics, cultures, literature, or histories of countries where those languages are spoken



Find out more

www.manchester.ac.uk/alc ug.languages@manchester.ac.uk t +44 (0)161 275 3211

What you study

Modern Languages Duration: Four years

You study two languages. If one is French, you will need A-level French. Chinese, German, Italian, Japanese, Portuguese, Russian, or Spanish may be studied at beginners' level, in combination with another post A-level language. Degrees are awarded as a single classification based on your marks in both languages.

Year 1: Study each language area equally.

Years 2 and 4: Choose to devote up to two-thirds of your available credits to either language area.

Year 3: Study abroad. You have considerable freedom to tailor this year: you may spend up to 32 weeks in one country, with eight weeks in a country where the other language is spoken; you may divide your time equally between countries where either language is spoken, or choose from a range of options in between.

Complete a 'learning log' while abroad to develop understanding of the areas where you are staying and keep you in touch with Manchester.

Some courses require additional work that contributes to your degree classification. If you began a language *ab initio* (no previous knowledge required) in Year 1, you are expected to spend at least 16 weeks in a country where that language is spoken in Year 3.

Integrated Professional Master in Languages (IPML)

Duration: Four, five or six years

These challenging, enhanced-level undergraduate courses enable you to reach an outstanding level of expertise in any two of the following: Chinese, French, German, Italian, Japanese, Russian and Spanish. You must have an A-level or equivalent in both languages. These unique courses offer you a distinctive combination of academic and professional training.

Four-year pathway

Year 1: Study both languages, with the option to take a third.

Year 2: Study both languages in Manchester in Semester 1, then study one language at a partner institution in Semester 2 (with the option of continuing a third language). Spend summer vacation abroad in a professional environment for your second language.

Year 3: Study both languages in Manchester, with the option of taking a career management course. Summer vacation abroad in a professional environment for one or two languages.

Year 4: Take master's-level course units, including a dissertation, research training, professional development and translation and interpreting.

Five-year pathway

As above* except you spend either Year 3 or Year 4 abroad, with at least 16 weeks in a professional environment, plus an eight-week summer vacation period abroad in a professional environment.

Six-year pathway

As above* except you spend Years 3 and 5 abroad, with at least 16 weeks of each year spent in a professional environment.

*NB the structure of the five and six-year pathway will differ slightly from the four-year pathway due to the period of time abroad. All academic content remains unchanged.

See Modern Languages for more information. For more details on the following languages, please also see: Chinese, French, German, Italian, Japanese, Russian, Spanish and Portuguese.



Studying two languages has given me the opportunity to meet such a variety of different people. Being taught by native speakers has improved my ability and not only allowed me to become immersed in the languages, but also learn about two completely different cultures.

Katherine Grantham BA German and Italian

DA Germanana italiai



A B C D E F G H I J K L



Law

TYPICAL OFFER

Law/Law with Criminology LLB A-level: AAA B: 37

Law with Politics BA/LLB A-Level: AAB B: 35

Criminology BA A-level: ABB IB: 33

For entry requirements to specific courses, see our course index at the back of this prospectus.

Criminology BA 3yrs

UCAS Code M901

Law LLB 3yrs UCAS Code M100

Law with Criminology LLB 3yrs UCAS Code M1M9

Law with Politics BA 3yrs UCAS Code M1L2

Law with Politics LLB 3yrs UCAS Code LM21

WHY MANCHESTER?

- Long-standing reputation as a distinguished centre of research, dating from 1872
- Research-led teaching centre with staff from high profile academic and professional backgrounds, including lawyers, criminologists and ethicists
- Two industry-funded Legal Advice Centres, offering you hands-on experience in pro bono legal work
- Rigorous grounding in the law and its techniques, plus a sound appreciation of its theoretical and policy implications, and of the links between law and society

Find out more...

www.manchester.ac.uk/law ug-law@manchester.ac.uk t +44 (0)161 306 1271/275 5590

Manchester School of Law is held in high esteem by the legal profession and regularly achieves top ratings in national rankings of university law schools. Many serving judges are Manchester graduates or former academics (including Baroness Scotland, one of the first female Law Lords, a judge of the highest of all English courts), and many leading solicitors' firms provide us with sponsorship.

Every Manchester Law graduate with a Lower Second class Honours degree or above is guaranteed a place at one of the branches of the College of Law and BPP, to study on the Legal Practice Course or the Bar Professional Training Course.

We will expose you to a breadth of scholarship, reflected in our wide range of courses on offer. Our fulltime staff of around 68 academics have areas of interest encompassing diverse subjects and approaches, including private law, public law, European and international law, criminal law and justice, law and economics, environmental law, legal theory, human rights, health care law and philosophy. Criminology areas of interest also include drug policy and use, policing, organised crime and gangs and offender management and reintegration.

Although most of our students enter with three good A-levels, we are equally interested in those returning to education with alternative entry qualifications, or who have shown evidence of recent academic achievement on top of their work experience.

What you study

Law

Our largest undergraduate degree course. Cover the core subjects of legal study and choose from our extensive range of optional subjects to suit your particular interests and career plans. This is a Qualifying Law Degree, thus providing exemption from the Common Professional Examination (CPE), which is otherwise required if you wish to become a barrister or solicitor.

Year 1: Study Legal Method, Contract, Public Law I, Public Law II. Criminal Law, and Tort.

Year 2: Study four compulsory course units – Equity and Trusts, Land Law, European Community Law, and Jurisprudence – plus two options of your choice.

Year 3: Choose six units from a comprehensive list of options. You may submit a dissertation in place of one of these subjects.

Law with Criminology

By taking law and criminology in our interdisciplinary School (as compared to taking a course run jointly by two different Schools), you will enjoy an integrated, coherent course that allows many topics to be approached from the viewpoint of both disciplines. Some subjects are taught by lawyers and criminologists working together. Some teaching staff research on topics such as sentencing and the treatment of victims of crime, which require an understanding of both disciplines.

Many of our staff take a sociolegal approach to their research and teaching, which is well suited to this course.



Track 1: Major in 'core' law subjects and graduate with a qualifying law degree.

Track 2: Specialise increasingly in criminology or specialist law subjects of your choice.

Law with Politics

Gain a solid and comprehensive grounding in key legal principles, with the ability to specialise in particular areas of interest in later years. Discover leading approaches in areas such as international relations and European politics, as well as core theoretical concepts, then follow your particular interests within the field of politics in Years 2 and 3. Our expertise makes Manchester an especially good place to study in this increasingly important field.

The LLB Law with Politics is a Qualifying Law Degree (QLD). On the BA Law with Politics you may choose whether or not you wish to obtain a QLD at the start of Year 2.

Criminology

Enjoy this exciting and rapidly developing area of study. Solidly based in the disciplines of sociology, psychology and law, our course offers you an excellent opportunity to study crime and the criminal justice system. A team of criminologists with extensive research experience will teach you.

Learn to understand why crime has become a pressing social problem, how criminal behaviour is related to other social issues and how the challenges facing the criminal justice system are researched. Gain the necessary skills to interpret complex data and policy debates within the field of criminology.

You will also develop skills relevant to various key professions in criminal justice and crime reduction, including the police, prisons, offender management, youth justice, community safety and legal practice.

Career opportunities

Law

Want to practise as a solicitor or barrister? Our LLBs cover all the core subjects required to qualify for exemptions at the next stage in your training.

We have strong links with the legal professions and public services, and our graduates have a good record of securing employment in the legal profession and in other professional environments. A dedicated law careers advisor can give you careers advice.

Our School of Law and the University's Careers Service have developed GILP: Getting into the Legal Profession, our dedicated careers education programme, in which our director of external relations and the Bar Liaison Officer provide further information about the legal profession. Major law firms contribute to these sessions. You also receive advice on non-law careers as an extension of this programme.

Criminology

The intellectual rigour of our course provides you with the depth of knowledge and skills required both for developing a relevant career in the field of criminal justice and for pursuing further study and research. You may attend skills training courses that have units aimed at employment in general and more specialist careers, including criminal justice and crime reduction.

Our strong academic base will equip you well for a career in a range of criminal justice-related professions, such as the police, security services, private security services, private security services, prison service, courts services, prison service and local authority community safety departments.



Law is challenging, but exciting, because it never stays still – it's always changing. The same can be said for Manchester: it's an amazing city where there is always something new to discover.

Hollie Walsh



Learning Disability Studies

TYPICAL OFFER

A-level: ABB-BBB IB: 34-31

For entry requirements to specific courses, see our course index at the back of this prospectus.

Learning Disability Studies BA 3yrs

UCAS Code B760

WHY MANCHESTER

- Course that aims to bring about real change in the lives of learning disabled children and adults by working in partnership with them
- Placements geared towards your personal interests, undertaken in regional schools and learning disability services of your choice

Find out more...

www.manchester.ac.uk/ education

rohhss.chapman@manchester.ac.uk t +44(0)161 275 3385

Learning Disability Studies encourages you to think critically about disability and difference, and to examine how and why education and services for learning disabled pupils and adults have developed as they have. It also aims to critically evaluate current developments in the field of learning disability in order to prepare you for a career in education and social care.

Our degree is based upon inclusion and social and contemporary models of disability. In partnership with other institutions and organisations, our

staff are involved in analysing and monitoring the implementation of government recommendations in the field of learning disabilities. We stimulate our students to get involved with people to make a positive difference.

Please note: Participation on this course is subject to the University receiving a satisfactory Criminal Records Bureau (CRB) Disclosure.

What you study

Year 1: Study six course units that embrace a wide range of subject areas, such as inclusion, citizenship and relationships, inclusive and special education, learning disability policy and practice, and an introduction to disability studies. Undertake a 40-day placement, practising your skills and contributing to a school or service, and choose options from across our School or University to supplement your core course.

Year 2: Study five units covering subjects such as education, gender, sexuality and identity, disability policy and practice, disability studies and the law, and research methods. Undertake another 40-day practical placement and choose options from across our School or University to supplement your core course.

Year 3: Study education practices, the management of learning disability services, partnership research and the ethics and politics of learning disability services. Complete a dissertation based on a chosen area of research, and choose options from across our School or University to supplement your core course.

Placements

Geared towards your personal interests, you can undertake these in a learning disability service or school of your choosing, as long as it is within a reasonable travelling distance of the University.

Career opportunities

We prepare you for work in a range of learning disability services, particularly in social care and education. This includes statutory services run by Local Authorities and the rapidly developing voluntary and private sectors.

Many of our graduates become teachers, managers of services, team leaders, or lecturers in further education colleges. Others go on to postgraduate research and academia, or find employment in more specialised settings, such as social policy units, supported employment projects, advocacy projects, transition support, mentoring and leisure and outdoor pursuits.



Having a learning disabled child, I felt I knew enough to get by – until I joined the course and realised there is so much more to learn. Lecturers are very friendly and are always ready to offer their advice and support.

Tayyauba Sheikh

BA Learning Disability Studies

77



Life Sciences

TYPICAL OFFER

A-level: AAA-ABB IB: 37-33

For entry requirements to specific courses, see our course index at the back of this prospectus.

Interviews

All applicants who meet, or are considered likely to meet, our academic entry requirements, have a suitable personal statement and references and live in the EU, will be interviewed.

Applicants from outside the EU may be interviewed by Skype or have a telephone interview.

THREE-YEAR DEGREES AND DEGREES WITH A YEAR OF PROFESSIONAL EXPERIENCE

Anatomical Sciences BSc 3yrs
UCAS Code B110

Anatomical Sciences with Industrial/Professional Experience BSc 4yrs UCAS Code B111

Biochemistry BSc 3yrs UCAS Code C700

Biochemistry with Industrial/Professional Experience BSc 4yrs UCAS Code C701

Biology BSc 3yrs UCAS Code C100

Biology with Industrial/Professional Experience BSc 4yrs UCAS Code C101 Biology with Science and Society BSc 3yrs

UCAS Code C1V3

Biology with Science and Society with Industrial/Professional Experience BSc 4yrs UCAS Code C1L3

Biomedical Sciences BSc 3yrs UCAS Code B940

Biomedical Sciences with Industrial/Professional Experience BSc 4yrs UCAS Code B941

Biotechnology BSc 3yrs UCAS Code C560

Biotechnology with Industrial/Professional Experience BSc 4yrs UCAS Code C561

Cell Biology BSc 3yrs UCAS Code C130

Cell Biology with Industrial/Professional Experience BSc 4yrs UCAS Code C131

Developmental Biology BSc 3yrs

UCAS Code C141

Developmental Biology with Industrial/Professional Experience BSc 4yrs UCAS Code C143

Genetics BSc 3yrs UCAS Code C400

Genetics with Industrial/Professional Experience BSc 4yrs UCAS Code C401

Life Sciences BSc 3yrs UCAS Code C102

Life Sciences with Industrial/Professional Experience BSc 4yrs UCAS Code C105

Medical Biochemistry BSc 3yrs UCAS Code C724

Medical Biochemistry with Industrial/Professional Experience BSc 4yrs UCAS Code C741

Microbiology BSc 3yrs UCAS Code C500

Microbiology with Industrial/Professional Experience BSc 4yrs UCAS Code C501

Molecular Biology BSc 3yrs UCAS Code C720

Molecular Biology with Industrial/Professional Experience BSc 4yrs UCAS Code C702

Neuroscience BSc 3yrs UCAS Code B140

Neuroscience with Industrial/Professional Experience BSc 4yrs UCAS Code B143

Pharmacology BSc 3yrs UCAS Code B210

Pharmacology with Industrial/Professional Experience BSc 4yrs UCAS Code B211

Pharmacology and Physiology BSc 3yrs

UCAS Code BB12

Pharmacology and Physiology with Industrial/Professional Experience BSc 4yrs UCAS Code BBC2

Physiology BSc 3yrs UCAS Code B120

Physiology with Industrial/Professional Experience BSc 4yrs UCAS Code B121

Plant Science BSc 3yrs UCAS Code C200

Plant Science with Industrial/Professional Experience BSc 4yrs UCAS Code C202

Zoology BSc 3yrs UCAS Code C300

Zoology with Industrial/Professional Experience BSc 4yrs UCAS Code C301

DEGREES WITH A MODERN LANGUAGE

Anatomical Sciences with a Modern Language BSc 4yrs UCAS Code B114

Biochemistry with a Modern Language BSc 4yrs UCAS Code C705

Biology with a Modern Language BSc 4yrs UCAS Code C106

Biomedical Sciences with a Modern Language BSc 4yrs UCAS Code B9R9

Cell Biology with a Modern Language BSc 4yrs UCAS Code C132

Developmental Biology with a Modern Language BSc 4yrs UCAS Code C1R9 Genetics with a Modern Language BSc 4yrs UCAS Code C402

Life Sciences with a Modern Language BSc 4yrsUCAS Code C103

Microbiology with a Modern Language BSc 4yrs UCAS Code C502

Molecular Biology with a Modern Language BSc 4yrs UCAS Code C722

Neuroscience with a Modern Language BSc 4yrs UCAS Code B144

Pharmacology with a Modern Language BSc 4yrs UCAS Code B212

Physiology with a Modern Language BSc 4yrs UCAS Code B122

Plant Science with a Modern Language BSc 4yrs UCAS Code C201

Zoology with a Modern Language BSc 4yrs UCAS Code C303

COGNITIVE NEUROSCIENCE AND MNEUROSCI DEGREES

Cognitive Neuroscience and Psychology BSc 3yrs UCAS Code BC18

Cognitive Neuroscience and Psychology with Industrial/Professional Experience BSc 4yrs UCAS Code BCC8

Neuroscience MNeuroSci 4yrs UCAS Code B141

WHY MANCHESTER?

- Innovative teaching techniques, state-of-the-art facilities and tutors who are leading experts from across the breadth of the life sciences
- Dynamic community of scientists working at the cutting edge of research
- One of the best life science faculties in Europe for teaching and research quality

Find out more...

www.manchester.ac.uk/ lifesciences ug.lifesciences@manchester.ac.uk t +44(0)161 275 5032

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 provides a wealth of opportunities – from developing new drugs and therapies to fight disease, to generating new sources of fuel and engineering higher yielding crops.

Our Faculty of Life Sciences is one of the best in the country for both research and teaching quality. Study with us and you will benefit from state-of-the-art facilities, innovative teaching techniques and tutors who are leading experts from across the breadth of life sciences.



Outside of our lecture theatres and laboratories, you can do field courses in Europe, Africa and Central America, undertake a placement in an institution almost anywhere in the world, and even plan the set up of your own biotechnology company.

Research credentials

Life sciences is an exciting and fast-moving area, so it is important that you undertake your first degree in an interdisciplinary, active research environment. We have expertise in many areas of life sciences. ranging from molecules to cells, plants to animals, biomedical to population studies. Here at Manchester, we are addressing research challenges of global significance, including: advancing the understanding of wound healing and tissue regeneration; exploring the cellular processes that lead to the development of cancer; and developing environmentally sustainable biofuels to replace fossil fuels.

We are rated as one of the leading centres for life sciences research in the UK. In the latest independent Research Assessment Exercise, 95% of our research was classified as being of international significance, and we were ranked second in the country in terms of "research power". For detailed information on our RAE results, see: www.manchester.ac.uk/ls/aboutus/factsandfigures

We have more than 1,000 people involved in research and we hold more than £100 million in

research grants and contracts. We recently spent over £150 million on our research facilities, which encompass a staggering 28,000m2 of research space.

Why is our research relevant to you?

Our curriculum is informed by our research, so you could learn about the latest advances in the life sciences, taught by the researchers who have made the discoveries. You could also make your own contribution to our research if you choose to carry out a project in the laboratories of these leading scientists in your final year.

Our international research reputation will directly benefit you, as you will leave us with a degree from a major research-intensive university.

Innovative teaching

We innovate in teaching methods: for example, the use of computer-based eLearning and student support. Our University is also the UK pioneer for implementing the student-led Peer Assisted Study Scheme (PASS), and the scheme within our Faculty is the largest in the UK.

As well as traditional lectures, we teach you via informal tutorials, seminars, laboratory sessions and field courses, giving you plenty of opportunity to interact with staff and other students in small groups. Your personal advisor will meet with you individually on a regular basis throughout your course, and with your tutorial group every week throughout

Year 1. This advisor will monitor your progress, give you advice on choice of optional units, and generate references for placements/ employment/ postgraduate study.

We currently have 230 academic staff and approximately 2,000 undergraduate students.

This comfortable ratio of staff to students ensures the quality of your learning experience and allows a friendly and informal atmosphere in which we encourage you to play an active role. We actively seek your views on your course through our student staff liaison committee and include reps from all courses in every Education Board meeting, acting on your feedback to make improvements.

All of this has resulted in an overall mean student satisfaction score of 93% from our 2012 graduates in the National Student Survey.

The University is undertaking a global recruitment campaign for over 100 senior academic posts, entitled 'world-leading minds'. So far, our Faculty has made 18 new appointments, including professors, lecturers and research fellows. These leading academics will be teaching and inspiring you during your time here, contributing to your lectures, research projects, tutorials and more

Great facilities

We continually invest in our teaching and learning facilities to improve the student experience. We spent over £5 million in the last 18 months refurbishing our Stopford Building, the main building used for undergraduate teaching. We have completely refurbished our lecture theatres. the dissecting rooms used for anatomy teaching and the library, which now offers Wi-Fi, comfortable, flexible seating options and brand new group learning facilities. Our student common room and café area have also been refurbished, offering Wi-Fi and quick-access PCs to provide a flexible study and social space.

Breadth and flexibility of courses

Choice and flexibility are the hallmarks of our courses. The breadth of our research affords us expertise in a range of areas, allowing us to offer degree 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 degree courses at the end of Year 1 and, in some cases, later. If your interests include subjects outside life sciences, we offer degrees with a language, or you can choose optional units from the entire range offered by our University. Popular choices include law, language and business.

What you study and how you learn

Your timetable is demanding. You will have up to 20 hours of formally timetabled lectures, tutorials and practicals each week, and you are expected to spend at least as much time in independent study. As well as lectures and practicals, important features are the small-group seminars and tutorial teaching on topics relevant to your degree subject area, which develop your oral and written communication, IT, teamworking and problem-solving skills. A key transferable skill required of a life scientist is the ability to work with others, so teamwork is an important and integral part of all courses from the outset.

Year 1: Discover life sciences and cover key topics, most of which are arranged in units of 22 lectures. Most course units include electronic learning (eLearning), in which interactive computer packages present material that supports, or adds to, lecture content. They also provide feedback on your work as you learn, to improve your understanding.

Develop laboratory and analytical skills in stand-alone practical units and, for some courses, in residential field courses (held during vacations). Gain support from our Peer-Assisted Study Scheme (PASS), in which more senior undergraduates host open discussions about lecture material, facilitate group work on demanding material and provide advice on pastoral issues.

Year 2: Start to specialise, selecting 11 units from more than 30, all of which can be used toward a range of our related degree courses. Most break new ground; others extend topics from Year 1.

Prepare for independent research, either via laboratory skills training, or in-depth experience of primary and grey literature/media interpretation and searching, depending on your interests. Building on skills developed in Year 1, this provides the generic techniques and course-specific expertise required to allow you to embark on a research placement, or your final-year research project.

Undertake a dissertation, perhaps supervised by a member of our research staff, gaining first-hand knowledge of current research.

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

Year 3: (for degrees with Industrial/Professional Experience or a Modern Language only): Undertake a placement in the UK or overseas (see Placements below).

Final year: Focus on our research activities and take advanced units from a generous choice of options. Some courses specify most of the units you will take, while others allow you to concentrate on your preferred speciality, or select a more varied programme. These advanced course units include lectures, seminars, specialised practicals and directed reading.



Undertake a research project – a major element of your final year coming into close contact with postgraduates and other research workers, and gaining first-hand experience of the demands and rewards of original research. This may involve extensive supervised practical work in a research laboratory, or work on science media, eLearning, educational, data-analysis, bioinformatics, or enterprise topics. For details, visit: www.manchester.ac.uk/ls/under graduate/courses/modules/final yearprojects

or http://bit.ly/s6YzL8

Placements

Gain valuable work experience that will help you clarify your career objectives and give you an advantage in today's competitive employment market. Most of our degrees are available as a four-year course, where you spend Year 3 on a research placement in the UK or overseas. There are two types: 'with Industrial/Professional Experience' and 'with a Modern Language.'

With Industrial/Professional Experience: Our wide range of placements at over 200 partner organisations reflect the growing range of science careers inside and outside of the laboratory. You could work in pharmaceutical companies, industrial and international research institutes, educational environments, hospitals, biotechnology start-ups, technology transfer companies, and science communication organisations, such as medical writing companies, media offices and museums.

We will help you find a placement appropriate to your course and in

line with your interests. We currently offer placements in North America, Africa, Asia, Australia and many European countries, as well as throughout the UK.

With Language: Undertake research at a university in a country where your chosen language of study is spoken (we currently offer degrees with French, Spanish, German, Italian, Mandarin Chinese and Japanese). Please note: our 'with Language' courses have specific language entry requirements – see: www.manchester.ac.uk/ugcourses

Careers and employability

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

On graduation, about 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 well-developed transferable skills to enter careers in management, accountancy, marketing, law, publishing and more.

From the start of your degree, you will build skills that will make you attractive to future employers. Our

convenient online tracking tool can help you build a 'living CV' to record your skills as you progress through your course. You will develop transferable skills in your tutorials and there are numerous opportunities for you to apply them in placements, projects and work for the Faculty. We offer:

- industrial/professional placement years;
- summer placements in our research laboratories:
- enterprise projects in collaboration with entrepreneurs from biotechnology companies;
- jobs as student ambassadors, representing us to prospective applicants;
- roles as PASS leaders, facilitating all the learning of first-year students:
- roles as course representatives, representing the views of your fellow students to staff.

Many of our graduates have told us that having experience like this has made them stand out from the crowd when applying for jobs.

Contact us for our careers brochure, or visit our website for more information:

www.manchester.ac.uk/ls/under graduate/careers

or http://bit.ly/vUCNs2

For more details on our extensive activities, contact us and ask for our Faculty brochure, or visit our website. To come and look round our facilities, contact our Recruitment and Admissions Office staff, who will be delighted to organise a personal tour for you with a student ambassador at a mutually convenient time.

What you study

Anatomical Sciences

Study modern aspects of biology relevant to human structure and function. Cover structure from the whole individual to the subcellular level, and relate structure to function in the adult and during embryonic development. We emphasise the study of human anatomy, but other mammals are studied where appropriate. Take advantage of our excellent newly refurbished dissecting room facilities for the practical element of your teaching.

Biochemistry

Consider the chemistry of the substances and processes occurring in living cells and tissues. Biochemistry forms the basis of virtually all life science and many exciting discoveries made in this subject have contributed to our understanding of life, the solving of medical problems, and to the discovery and production of safe and effective drugs.

Biology

Take a broad biological course where early specialisation is avoided. A wide spectrum of training in the biological sciences is offered by staff who are specialists in their chosen subject areas. Gain practical experience of different environments and organisations via field courses, based in locations in the UK and abroad, chosen for the richness and interest of their flora and fauna. You may choose to take one or more field courses.

Biology with Science and Society

Do you want to see the life sciences as part of society? Undertake a broad biological course while also setting the biosciences in their contemporary social context. We offer a wide range of training at our world-renowned Centre for the History of Science, Technology and Medicine. Specialist areas of staff include the critical history and social implications of genetics, evolutionary theory, biomedical sciences and modern medical practice.

Explore the changing social, ethical and political dimension of life sciences, while also developing research, writing and communication skills. If you like science, but you also like humanities and social studies, this is the course for you.

Biomedical Sciences

Want to make a fundamental contribution to the current revolution in medical science? Improvements in healthcare continue to be driven by dramatic advances in life sciences. Gain broad, up-to-date training in a wide range of medically related disciplines. Flexibility and the strong practical component of these courses give you a sound basis for a career at the forefront of medical research. Other attractive careers exist in the pharmaceutical industry, in laboratories and organisations linked with the health services, and in journalism.

Biotechnology

Gain a solid understanding of science, technology, and business management, along with the entrepreneurial skills required to exploit technological advances within a competitive environment that will be invaluable to future employers. These courses blend our science and technology provision, complemented by units incorporating aspects of business management, industrial technology and entrepreneurial skills

The commercial exploitation of biological systems has had a major impact commercially over the last decade and will continue to grow in the post-genomic era, in areas ranging from drug discovery, to stem cell research and genetic engineering.

Cell Biology

Learn how cells function, both individually and within organisms. Cell biology integrates other life sciences, such as biochemistry and molecular biology, to explain the structure and function of cells. Consider how cell diversity arises and how cells cooperate and communicate with each other in normal tissues and in developing embryos.

Cell biology is one of the major growth areas of life sciences in the post-genomic era and uses new technologies, including cell culture, manipulation of genes, monoclonal antibodies and advanced light and electron microscopy. These developments support the existing and future needs of society in many areas of medicine, including cancer research, the control of



autoimmune disease, and the study of birth defects; and in other fields, such as plant biotechnology and environmental monitoring.

Cognitive Neuroscience and Psychology

One of the most challenging problems in modern biology is to understand the brains and behaviours of humans and other animals. Approaches to this are diverse, varying from the study of biological systems at the molecular level, to analysis of human performance.

Combine studies of major topics in experimental psychology and neuroscience to gain a broad, interdisciplinary background in this fast-moving and exciting field. Draw on resources from psychological sciences and life sciences and cover topics such as how humans and animals think (cognitive processes), how the world is sensed (perception), computational modelling, development and psychopathology.

The degree is accredited by the British Psychological Society (BPS). As well as providing a solid foundation for a career in the life sciences, this degree also constitutes your first step towards professional chartered psychologist status.

Developmental Biology

Focus on understanding how a single cell (eg the fertilised egg) forms an embryo and then becomes a fully formed adult organism in species as varied as plants, insects and mammals. This knowledge is making a significant

impact on our understanding of evolution and modern medicine, including birth defects and cancer. In particular, the revolutionary potential of stem cell manipulation, with the purpose of forming replacement cells or organs, represents the future of medicine.

Developmental biology is a multidisciplinary field that uses the most up-to-date technologies. Gain research-driven knowledge and experience in a broad range of biological subjects, ranging from the molecular functions of individual genes and proteins, through to the structure and function of whole organs. Developmental biology integrates subjects such as genetics, molecular biology, biochemistry, cell biology, anatomy, physiology and computer modelling.

Genetics

Genetics is fundamentally important to all branches of modern biology, from evolutionary biology to medicine, and extends into many practical areas, such as biotechnology and agriculture.

Discover the principles of heredity and evolution and learn how we can map genes and understand their function. Consider how the development of multi cellular organisms can progress from a single cell through regulated courses of gene expression, and learn the detailed mechanisms by which genes can be switched on and off. Learn to understand how model organisms, such as the fruit fly and the mouse, are of enormous biomedical importance, and discover how our genetic makeup can predispose us to different diseases.

The human genome project has provided us with the sequence of the entire human genome and identified around 25,000 human genes. The challenge now is to understand the function of all these genes and how they cooperate to make us who we are, and to learn how we can best use this knowledge to improve human society. Genetics will continue to play a key role in this quest.

Life Sciences

Committed to biosciences, but have not yet decided on the area in which you would like to specialise? Take this degree, which will help you to make the decision at the end of your first year from a position of greater knowledge. The combination of your first-year units enables you to transfer to almost any of the degree courses within our Faculty. Your individual study course will be carefully planned with advice from your advisors.

Medical Biochemistry

Are you a biochemist considering a career in research into the biochemical basis of disease and therapeutic medicine? This area offers great career prospects, because pharmaceutical and healthcare companies need well-trained medical biochemists. You could become key to the efforts of such companies to develop new drugs targeted against specific enzymes, hormone receptors, or other biologically important molecules.

Microbiology

Study a broad discipline that involves the study of the biology of bacteria, viruses, protozoa and fungi. We focus on the pathogenic potential of the organisms that cause disease in man; also covered are aspects of the biochemistry, physiology and genetics of microorganisms.

Recently, our knowledge of how microbes function has expanded enormously, both in the disease process and at molecular level. Genetic engineers are using bacteria and viruses to clone eukarvotic genes to study and treat human genetic disorders. Vaccines are being developed for diseases such as AIDS, Legionnaire's disease and listeriosis. In the areas of biotechnology, agriculture and food production, microbes are continually exploited for the benefit of man.

Molecular Biology

Study a subject that underpins much of today's biological research. It overlaps with biochemistry, genetics and cell biology – and the structure of our degree course reflects this.

Over the last decade, recombinant DNA technology has allowed molecular biologists to make enormous advances in our understanding of how fundamental biological processes operate, by analysing, manipulating and controlling genes and proteins. This has culminated in the completion of several large genome projects that are changing the face of modern biology, especially in areas of medicine, agriculture and

biotechnology. We are starting to understand the molecular basis of illnesses such as cancer and inherited diseases, and in some cases, they can be treated using genetic tools.

Genetic manipulation in biotechnology enables the manufacture of such valuable products as blood clotting factors, insulin and vaccines. Gain an understanding of these areas and practical experience in experimental approaches used in the laboratory.

Neuroscience

Study the nervous system and how it works to generate behaviour, perception, movement, thought, memory and other key functions. This calls on a wide range of knowledge and experimental techniques, and recently there have been significant advances in our understanding of the function of the nervous system, from the molecular level, through to the biology of higher brain function. You will cover much of this, with frequent reference to how different disorders of the nervous system affect normal brain function.

Our MNeuroSci course has an extra year in which you undertake a major research project, culminating in the award of an undergraduate masters qualification.

Pharmacology

Study drug actions on living systems, applying biological techniques to understanding the actions of current drugs and the development of new drugs. Learn

the theoretical aspects against an extensive background of laboratory work, using a wide variety of methods.

Physiology

Study function in animals and humans. A major challenge to physiologists in the post-genomic era is to determine the function of the many uncharacterised proteins encoded by the human genome. This will involve understanding how these proteins influence the activity of cells, tissues and the whole organism in health and disease.

Our physiology research and teaching ranges from examining molecular mechanisms in single cells, to studying functional changes in human tissues in disease states.

Pharmacology and Physiology

Enjoy the opportunity to study these two closely related disciplines and become equipped for careers in either field, or in areas in which knowledge of both subjects is valuable.

Plant Science

While it is obvious that plants support the continued existence of life on Earth, you deal with far more than photosynthetic energy capture in these courses. The fascinating reproductive processes and global importance of nonflowering plants, and the role of plants in biotechnology (eg algal biofuels), are just two of a broad range of topics.

Consider the significance of plants in global ecosystems, and as providers of food and raw materials for industry. Attend a field course in the Mediterranean island of Majorca during Easter of your first year, when the orchids are in bloom – and build on this with a further summer field course in Ecuador or the UK in Year 2, if you are not starting a placement early (eg to fit with field seasons).

Zoology

Building on our international research strengths, our Zoology degree highlights some of the most exciting and thoughtprovoking aspects of 21st century life sciences. We emphasise the mechanisms and evolution of animal behaviour, with course units on behavioural neurobiology, reproduction and hormones, behavioural rhythms, and pheromones and olfaction. At each stage, we study the interaction of animals with other individuals and with whole populations.

Cover the whole range of animal life, from genes and development, through to animal behaviour, population dynamics and evolution. Gain direct experience of studying animals via two compulsory field course units: one in the UK on Marine Biology (Year 1), which introduces you to research methods: the other abroad, on Evolutionary Biology and Behaviour (Year 2), during which you design and carry out a research project. Many Zoology students opt to do two field courses both years.



Manchester has opened up opportunities for me that I would never have thought possible. The first-year field course in South Africa was a very unique way of learning, as well as a great bonding experience with other people on the course. From this I have now made contacts which means I regularly return to Africa to work. This would never have been possible without the help of those at the University, for which I am very arateful.

Thomas PeachamBSc Zoology



Life Sciences with a Foundation Year

TYPICAL OFFER

We accept students from a wide range of backgrounds. Each application is considered individually. You should apply through UCAS.

For entry requirements to specific courses, see our course index at the back of this prospectus.

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

See also Life Sciences

WHY MANCHESTER?

- Courses designed to maximise your 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

Find out more...

www.manchester.ac.uk/ lifesciences ug.lifesciences@manchester.ac.uk t +44 (0)161 275 5032

If you want to enter one of the degree courses offered by the Faculty of Life Sciences, but do not have the appropriate entry qualifications, this course is for you. Perhaps you are a mature student, have studied arts, languages or social sciences at A-level (or equivalent), or have slightly underachieved in your science A-levels due to serious circumstances outside your control.

Our Foundation Year provides the necessary academic background in biology, chemistry and mathematics to prepare you for study on any of our BSc (Hons) degree courses. We offer degree courses in more than 20 life sciences subjects and successful completion of the Foundation Year allows you direct entry into any of these courses, including Optometry. See Life Sciences and Optometry to find out more.

To progress onto your preferred course, you will need strengths in the relevant subject area. Some degrees require higher marks in certain subjects than others (eg Optometry).

What you study

Our Foundation Year consists of 120 academic credits. You study a common core of units in biology, chemistry and mathematics.

Biology forms approximately half the core content, including:

- Lectures on topics such as cell biology, biochemistry, genetics, biotechnology, microbes and disease, ecology and physiology
- Laboratory work, which reinforces the subject material and helps you to develop practical skills
- Opportunities for fieldwork
 Chemistry forms around one-third of the core content, including:
- Lectures on topics such as atomic structure, bonding, rates of reaction, inorganic and physical chemistry, organic and medicinal chemistry
- Laboratory practicals that support the lectures

Mathematics units focus on the mathematical skills required by life scientists, including:

- Accurate manipulation and analysis of experimental data
- Use of statistical and mathematical techniques in a biological context

Where you study

Most of our course is taught by the experienced staff of Xaverian College, located in Victoria Park about 1km south of the University. The college was graded 'outstanding' in its most recent Ofsted inspection and awarded Beacon College status in 2009. You will also spend time on our University campus most weeks, undertaking a complementary series of tutorials, seminars and laboratory exercises.

As a Foundation Year student, you are a full member of The University of Manchester and guaranteed access to all our undergraduate facilities, activities and services outlined in this prospectus.

How you are supported

You will receive academic and pastoral support from your personal tutor at Xaverian College. Our Faculty staff provide additional academic support.



My Foundation Year experience has been fantastic so far! You get the best of both Xaverian College and the University; the staff and the facilities are world class. You make new friends immediately, as everyone is in the same situation. There's advice and support in all areas, and it's reassuring to know you have someone to talk to if you need help.

Tom Ward

BSc Life Sciences with a Foundation Year



A B C D E F G H I J K L

Linguistics and English Language

STUDY ABROAD opportunities

TYPICAL OFFER

A-level: AAB-BBB IB: 35-31

For entry requirements to specific courses, see our course index at the back of this prospectus.

Chinese and Linguistics BA 4yrs UCAS Code TO11

English Language BA 3yrs UCAS Code O1O3

English Language and Chinese BA 4yrs UCAS Code OT31

English Language and French BA 4yrs UCAS Code OR31

English Language and German BA 4yrs UCAS Code OR32

English Language and Italian BA 4yrs

UCAS Code QR33

English Language

and Japanese BA 4yrs UCAS Code OT32

English Language and a Middle Eastern Language BA 4yrs

UCAS Code OT36

English Language and Portuguese BA 4yrs UCAS Code RO53

English Language and Russian BA 4yrs

UCAS Code OR37

English Language and Screen Studies BA 3yrs

UCAS Code QW36

English Language and Spanish BA 4yrs

UCAS Code QR34

English Literature and Linguistics BA 3yrs UCAS Code QQ13

French and Linguistics BA 4yrs UCAS Code RQ11

German and Linguistics BA 4yrs UCAS Code RQ21

Italian and Linguistics BA 4yrs UCAS Code RQ31

Linguistics BA 3yrs UCAS Code O100

Linguistics and a Middle Eastern Language BA 4yrs UCAS Code OT16

Linguistics and Japanese BA 4yrs UCAS Code QT12

Linguistics and Portuguese BA 4yrs

UCAS Code QR15

Linguistics and Russian BA 4yrs UCAS Code QR17

Linguistics and Screen Studies BA 3yrs

UCAS Code QW16

Linguistics and Social Anthropology BA 3yrs

UCAS Code QL16

Linguistics and Sociology BA 3yrs

UCAS Code QL13

Linguistics and Spanish BA 4yrs UCAS Code QR14

See also, Classics and Ancient History, English Language for Education, English Literature and American Studies and Modern Languages.

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
- Friendly and diverse place to study

Find out more

www.manchester.ac.uk/alc ug.languages@manchester.ac.uk t +44 (0)161 275 3211

Linguistics is concerned with language and how it works. A linguist looks at the many languages of the world and the many ways in which we use language, and asks such questions as: how do languages resemble one another, and how do they differ? How do the rich and varied forms that language adopts reflect the enormous variety of uses to which it is put? 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 for understanding literature.

Our students come from a wide variety of backgrounds. There are school-leavers and mature students, from Britain and from overseas, involved in many other academic disciplines, making for a lively social mix.

What you study

English Language

Study the English language, its structure, history, varieties and dialects, and how we acquire and use it. Study background material on the development of English in Year 1, and learn the basic skills required in order to understand and describe the main components of language: sounds, grammar and semantics, plus basic study and research skills. 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.

You could spend a semester abroad in Year 2. For up-to-date information on partner institutions outside Europe, see:

www.manchester.ac.uk/ug/cour ses/studyabroad/destinations/p artneruniversities

or http://bit.ly/sv2Kbq

We also have Erasmus exchanges with the universities of Paderborn in Germany and Vigo in Spain.

English Language and a Modern Language

Combine the study of English Language with one of Chinese, Japanese, French, Spanish, German, Italian, Russian, or Portuguese (see Modern Languages). Study the structure, history and varieties of English alongside units in general linguistics, plus core units in your modern language, and optional units covering aspects of politics, literature, linguistics, society, economics, translation studies, cinema, history and culture. Optional choice areas vary according to the language studied (see www.manchester.ac.uk/alc).

In Year 1, you study the two subject areas equally; in later years you can maintain this balance or devote more weight to one subject. You spend Year 3 abroad under approved conditions.

English Language and a Middle Eastern Language

Gain a comprehensive grounding in both English language and a modern Middle Eastern language (Arabic or Hebrew). Core course units in the structure, history, and varieties of English are complemented by units in general linguistics. Take core units in your Middle Eastern language, and units about this language's historical and cultural context. You spend around 12 hours a week in classes.

In Year 1, you study both subjects equally; in later years you can maintain this balance or devote more weight to one subject. Your spend Year 3 abroad under approved conditions

English Language and Screen Studies

Study the structure, history, and varieties of English alongside units in general linguistics, and core

course units in understanding film, its history and pre-history, and its development across other media (eg television, DVD, internet distribution).

In Year 1, you study both subjects equally; in later years you can maintain this balance or devote more weight to English Language.

English Literature and Linguistics

Study English literature, as offered by English and American Studies, with linguistics – the study of language and ways of understanding and describing the structure, history and social aspects of languages. Discover the basic analytical skills in Year 1; in later years, you may focus on English language, general linguistics or a combination of the two. You follow a broadly chronological journey of literature from the Anglo-Saxon period through to the present day.

In Year 1, you study both subjects equally; in later years you can maintain this balance or devote more weight to one subject.

Linguistics

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, and semantics, plus basic study and research skills.

You may choose from a wide range of course units, including specialisation in various areas of linguistics (such as phonetics,

A B C D E F G H I J K



syntax, sociolinguistics, typology), linguistic theory, and individual language families. You may also take free-choice options from across the Faculty, including a foreign language.

You could spend a semester abroad in Year 2. For up-to-date information on partner institutions outside Europe, see:

www.manchester.ac.uk/ug/cour ses/studyabroad/destinations/p artneruniversities

or http://bit.ly/sv2Kbq

We also have Erasmus exchange arrangements with the universities of Paderborn in Germany and Vigo in Spain.

Linguistics and a Modern Language

Combine the study of linguistics with one of Chinese, Japanese, French, Spanish, German, Italian, Russian, or Portuguese, covering the language, literature, culture, society, economics, cinema and history of your chosen language.

In Year 1, you study both subjects equally; in later years you can maintain this balance or devote more weight to one subject, and can also take an additional language at an appropriate level.

You spend Year 3 abroad under approved conditions.

Linguistics and a Middle Eastern Language

Combine the study of linguistics with the study of a selected Middle Eastern language of specialisation (Arabic or Hebrew) and aspects of Middle Eastern culture and history.

In Year 1, you study both subjects equally; in later years you can maintain this balance or devote more weight to one subject, and can also take another foreign language at an appropriate level.

You spend Year 3 abroad under approved conditions.

Linguistics and Social Anthropology

Combine the study of society, culture and social interaction, based in Social Anthropology, with the study of linguistics.

In Year 1, you study both subjects equally; in later years you can maintain this balance or devote more weight to one subject, and can also choose to study a foreign language.

Linguistics and Sociology

Combine the study of society and its organisation and structure, as offered by Sociology, with the study of linguistics.

In Year 1, you study both subjects equally; in later years you can maintain this balance or devote more weight to one subject, and can also choose to study a foreign language.

Linguistics and Screen Studies

Combine the study of linguistics, including analysing the sounds, meanings and structures of language, with core course units in understanding film, its history and pre-history, and its development across other media (eg television, DVD, internet distribution).

In Year 1, you study both subjects equally; in later years you can maintain this balance or devote more weight to one subject.

Career opportunities

The communication skills developed during our courses are valued by a huge range of employers, and our graduates have followed a diverse range of career paths.



Linguistics has enabled me to continue with a subject I already had a great interest in, exploring areas I had already studied in more depth, while also introducing me to completely different aspects.

Lauren Baxendale BA Linguistics



Eleanor applied through the Manchester Access Programme (MAP). MAP targets and supports talented students from backgrounds that are currently underrepresented in higher education.

Manchester made me... decide to come to university

Neither of my parents went to university so I was able to apply to Manchester through MAP. It's a scholarship scheme and I got extra UCAS points, but it's a lot more than that. I got lots of support and information throughout the application process. The MAP team and student ambassadors run workshops and an overnight conference where you see what being at university's like. It was also great in the first few weeks to see some friendly, familiar faces.

On Speech and Language Therapy we have a lot of placements so we get to see exactly what it's like to do the job. You get experience of lots of different areas you could go into. I've worked in a primary school, disability clinics and a children's centre so far. It's great to put into practice what you've learnt.

We're a very close-knit group and we get a lot of support from our staff. They have the time to spend with us. Most of our lecturers are therapists themselves so they have been there and done it and they are highly respected in their field.

I'm one of the University's student bloggers. I write about all aspects of being at university and I like answering the questions I would have asked when I was 16 or 17. I was very shocked to hear that 25,000 people read the blog!

Manchester is a great place to study because it's big, but in a homely way. It never feels impersonal – you don't feel like one of many.



Management and Leisure

TYPICAL OFFER

A-level: AAB-BBB IB: 36-31

For entry requirements to specific courses, see our course index at the back of this prospectus.

Management and Leisure BA 3yrs

UCAS Code N870

See also Business Studies and Management.

WHY MANCHESTER?

- Combination of academic study and practical experience gives you a head start and flexibility of choice in your career
- Focus on management tactics and skills within the context of the leisure industry
- Chance to specialise in a subject area of your choice for independent research work

Find out more

www.manchester.ac.uk/education ug-education@manchester.ac.uk t +44 (0)161 275 3463

The leisure industry is one of the fastest growing and most dynamic sectors of the economy. Our Management and Leisure degree covers the history and development of the sector and the social, legal, economic, managerial, financial and psychological factors that influence the management of leisure.

What you study

Your core programme covers management, marketing, law, finance, historical and contemporary aspects of leisure, and research methods. As the course progresses, you may take additional specialist options from within the course and from the wider Faculty of Humanities; you can also specialise in your choice of research work.

In every academic year, you also gain first-hand experience of industry by participating in Applied Study Periods (ASPs) with a host employer. You'll make industry contacts and have the opportunity to observe, learn and apply new skills.

Year 1: Gain an introduction to the nature and scope of the leisure sector, which you will build on each year, drawing upon the disciplines that underpin management within the leisure sector. Study sociology, psychology, research methods, economics, history of leisure, leisure law and introduction to management theory.

Undertake a residential field trip to North Wales, getting to know other students and staff while learning about management issues in the rural leisure economy.

Year 2: Study financial management, human resource management, research methods, marketing and law. Take a core Career Management unit focusing on practical job-seeking advice. Optional subjects include international leisure, the football business and corporate responsibility.

Year 3: Continue with management, research and marketing, and undertake more detailed study in specialised subjects of your choice – eg running your own business, tourism management, events and entertainment management, and sports management. An extended ASP, associated research project and the presentation of a placement report complete your final-year work.

Career opportunities

A broad range of career opportunities awaits you within the leisure sector, including the arts, sports and recreation, travel and tourism and events management. The latest survey shows that 85% of our graduates were either in work or in further study six months after finishing the course.



I have found staff on the course to be friendly, readily available and supportive throughout. This course has given me the confidence, knowledge and experience to compete in the current competitive job market.

Jenna Burbridge

BA Management and Leisure

77

Materials Science

TYPICAL OFFER

A-level: AAA-AAB IB: 37-35

For entry requirements to specific courses, see our course index at the back of this prospectus.

Biomaterials Science and Tissue Engineering BSc 3yrs UCAS Code 12BV

Biomaterials Science and Tissue Engineering MEng 4yrs UCAS Code BJ82

Biomaterials Science and Tissue Engineering with Industrial Experience MEng 4yrs

UCAS Code J2B8

Materials Science and Engineering BSc 3yrs UCAS Code J500

Materials Science and Engineering MEng 4yrs UCAS Code J501

Materials Science and Engineering with Industrial Experience MEng 4yrs

UCAS Code J503

See also Engineering and Science with an Integrated Foundation Year.

WHY MANCHESTER?

- Strong links with relevant industrial and clinical units, ensuring your degree is highly valued by employers
- Self-contained, purpose-built Materials Science Centre exploiting a full range of well equipped laboratories, lecture rooms 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

Find out more

www.manchester.ac.uk/materials ug-materials@manchester.ac.uk t +44 (0)161 306 4149

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

We pride ourselves on our friendly atmosphere and high level of staff/student contact through our mentoring and tutorial system. Our student-run Materials Society (Mat Soc) arranges various social and sporting activities within the School of Materials, including the annual Mat Soc ball.

What you study

Materials Science and Engineering

Study materials science: a synthesis of physics, chemistry and engineering. Advances in this area drive technology developments in all major industrial sectors, from aerospace and power generation, to electronics and telecommunications. Materials scientists have unique combinations of subject knowledge and skills and are highly sought after: they are versatile and ideally suited to manage the multidiscipline research teams usually found in industrial research and development.

Years 1 and 2: Get a thorough grounding in the principles governing the physical, chemical, and mechanical properties of all solid materials. Learn to understand how material structure, from the nano to the macro scale, governs behaviour, and learn the techniques used to characterise structure and properties. Gain practical experience of designing and selecting materials to solve engineering challenges.

Year 3 (BSc): Study advanced topics such as functional ceramics, advanced processing and cellular materials. Undertake an individual research project over one-third of the year: as part of a research team, use your initiative and imagination to work on fascinating problems in materials science, while developing essential practical and analytical skills valued by employers.

Year 3 (MEng): As above, plus we introduce you to research methodology and practice.

Year 3 (MEng with Industrial Experience): Work at a company selected by you, responsible for one or more substantial industrial projects under the joint supervision of a lecturer and a scientist or engineer at your host organisation. You'll find out what it is like to work in industrial research and development, develop interpersonal and management skills and gain the direct experience that employers look for.

Year 4 (MEng/MEng with Industrial Experience): Choose from various higher-level, cutting-edge topics such as functional ceramics and polymers, advanced engineering alloys and nano materials. You could become familiar with state-of-the-art analysis techniques, like electron microscopy and synchrotron and neutron diffraction, via lectures and practical work in laboratories. Undertake an individual research project (see Year 3 BSc above).

Biomaterials Science and Tissue Engineering

Study the use of materials in the human body, principally for the replacement and regeneration of damaged or diseased tissues, covering many areas of biology, biochemistry, anatomy, cell biology, tissue engineering and materials science

Gain an understanding of the interactions that occur between differing classes of material and the many tissues and organs of the human body. Such knowledge is the key to the development of new materials for implants and scaffolds in tissue engineering, stem cell differentiation, drug delivery, and many other biomedical applications.

Year 1: Learn what controls the properties of materials, building a strong foundation for the study of biomaterials. Discover the fundamentals of biomedicine, with lecture course units on anatomy and physiology biochemistry and cell biology. As you progress, learn the implications of applying synthetic materials for clinical applications in detail.

Year 2: Study oral and craniofacial biomaterials science, biomechanics, molecular biology and tissue interactions and biocompatibility. Continue to develop as a materials scientist and engineer via units on materials processing and materials degradation, alongside teambased engineering design projects.

Year 3: Explore more advanced topics, such as tissue engineering and nano biomaterials. Undertake an individual research project over one third of the year. As part of a research team, use your initiative and imagination to work on cutting-edge problems in biomaterials and tissue engineering, while developing essential practical and analytical skills valued by employers.

Year 3 (MEng): As above, plus we introduce you to research methodology and practice.

Year 3 (MEng with Industrial Experience): Work at a company selected by you, responsible for one or more substantial industrial projects under the joint supervision of a lecturer and a scientist or engineer at your host organisation. We also encourage placements with more clinical focus. You'll find out what it is like to work in industrial research and development, develop interpersonal and management skills and gain the direct experience that employers look for.

Year 4 (MEng/MEng with Industrial Experience): Choose two taught course units from various higher-level, cutting-edge topics to complement your individual research project (see Year 3 BSc above).

Career opportunities

Materials Science and Engineering graduates are highly sought after and all of our graduates either find employment in industry or go onto higher-level study. Careers include research and development, management, production and technical roles in companies such as Rolls Royce, Airbus, Unilever, 3M and Jaguar.

Biomaterial scientists and tissue engineers are in strong demand in the growing healthcare, pharmaceutical and medical devices sector, and all of our graduates find employment or go on to higher level study. Employers of recent graduates include GlaxoSmithKline, Systagenix, DePuy, the MHRA, and Biocompatibles.

Alongside superior research skills, our MEng graduates boast an enhanced understanding of the principles of business management and administration, which is highly relevant to and valued by many employers.



The course has been challenging; however, the academic and administrative staff are a great team, readily approachable, and have been nothing but supportive. The School of Materials boasts a global reputation as one of the leaders in materials teaching and research.

Sved Ahmed

BSc Materials Science and Engineering





Mathematics

TYPICAL OFFER

A-level: A*AA - AAA

IB: 37

Mathematics must be at least 6 at Higher Level for IB applicants.

For entry requirements to specific courses, see our course index at the back of this prospectus.

Actuarial Science and Mathematics BSc 3 yrs

UCAS Code NG31

Mathematics BSc 3yrs UCAS Code G100

Mathematics MMath 4yrs UCAS Code G104

Mathematics and Philosophy BSc 3yrs

UCAS Code GV15

Mathematics and Statistics BSc 3yrs

UCAS Code GGC3

Mathematics and Statistics MMath 4yrs

UCAS Code GG13

Mathematics with Financial Mathematics MMath 4yrs

UCAS Code G1NJ

Mathematics with Business and Management BSc 3yrs

UCAS Code G1N2

Mathematics with Finance BSc 3yrs

UCAS Code G1N3

Mathematics with Financial Mathematics BSc 3yrs

UCAS Code G1NH

Mathematics with a Modern Language BSc 4yrs

UCAS Code G1R9

See also Computer Science, Physics and Astronomy, Engineering and Science with an Integrated Foundation Year.

WHY MANCHESTER?

- One of the largest, most respected schools of mathematics in Britain
- Purpose-built building with excellent facilities
- Portfolio of high-quality, flexible degrees, with a large range of options
- Strong tradition of good relations between staff and students, and a high standard of pastoral care

Find out more

www.manchester.ac.uk/maths ug-maths@manchester.ac.uk t +44 (0)161 275 5803/4

Our staff are involved in high quality research across the whole of mathematics, 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 later years of your degree.

Single Honours degrees

Choose to study one of these either as a three-year BSc or a four-year MMath. The BSc gives you 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

Ideal if you are mathematically gifted and want to keep your options open. Choose whether to construct a broad mathematical programme, or a more specialised one. You could study other subjects, such as accounting, economics, a science, a language, music, politics, or psychology. Whatever you choose, the flexibility of our course means you can graduate with finely honed skills in your preferred areas.

Mathematics and Statistics

Accredited by the Royal Statistical Society

Ideal if you expect to use statistics in your professional work. Develop the capacity to formulate and analyse problems, and to interpret scientific evidence using appropriate statistical methodology.

Mathematics with Financial Mathematics

Interested in learning about some of the recent applications of mathematics to the financial sector? 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.

Combined Honours degrees

Study a BSc degree combining mathematics with another subject. Mathematical content is less than in Single Honours, but the same skills are included. Mathematics makes up about two-thirds of the 'Mathematics with' degrees; 'Mathematics and' degrees give equal weighting to the two disciplines. The G1N3 and NG31 degrees are exceptions, as Mathematics forms about three-quarters of these degrees.

Actuarial Science and Mathematics

Accredited by the Institute and Faculty of Actuaries

Develop a unique fusion of strong mathematical skills, real-world business understanding, communication, interpersonal and leadership skills, all of which have been identified by the actuarial profession as core skills required by graduates and trainee actuaries. The degree's accreditation means you will, subject to performance, be eligible for a number of exemptions from the IFA's professional examinations.

Mathematics and Philosophy

Explore both subjects and the interesting border region between the two. Choose from a wide range of options in each discipline, including project work. See Philosophy.

Mathematics with a Modern Language

Develop your language skills (in French, German, Italian, Japanese, Russian, or Spanish) while you train as a mathematician in this four-year degree. Learn about the culture, literature and history of the relevant country. Spend Year 3 overseas at a university studying mathematics, carrying out approved paid work (eg in a school), or improving your language on an approved course. See Modern Languages.

Mathematics with Business and Management

Build a firm foundation of mathematics while gaining exposure to the modern theory and practice of business, management and accounting. You could cover fundamentals of accounting and finance, marketing and strategy, and organisational behaviour. See Business Studies and Management.

Mathematics with Finance

Interested in financial systems? Take the same course units in financial mathematics as Mathematics with Financial Mathematics, but with a greater component of accounting and finance, including the study of international markets and multinational corporate finance.

Career opportunities

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

Several of our course units aim to extend your skills in ways that may prove useful for your future career. For example: Career Management Skills, run in collaboration with our University's Careers Service, helps you to improve your presentation and group interaction skills, and develop job application skills, such as CV writing, to help you get a job when you graduate.



I chose to study at The University of Manchester because of the quality of the School of Mathematics, combined with the scope and diverse range of course unit choices – as well as the opportunity to study in one of the most incredible cities on the planet!

Joe Bronstein MMath Mathematics

"

Mechanical Engineering

TYPICAL OFFER

A-level: AAA-AAB IB: 37-35

For entry requirements to specific courses, see our course index at the back of this prospectus.

Mechanical Engineering BEng 3yrs

UCAS Code H300

Mechanical Engineering MEng 4yrs

UCAS Code H303

Mechanical Engineering with Industrial Experience MEng 5yrs

UCAS Code H301

Mechanical Engineering with Management BEng 3yrs UCAS Code H3N1

Mechanical Engineering with Management MEng 4yrs

UCAS Code H3ND

See also Engineering and Science with an Integrated Foundation Year.

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
- Excellent resources for information, computation and experimentation
- Professional accreditation by relevant UK institutions

Find out more

www.manchester.ac.uk/mace ug-mace@manchester.ac.uk t +44 (0)161 306 9210

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 degrees have a strong base of engineering science, while giving you a good practical grounding and knowledge of the environment you will work in as a professional engineer. Because our staff are actively involved in research, our teaching evolves to reflect stateof-the-art technology, giving you access to expertise in a wide range of engineering disciplines.

Plenty of staff contact and our high quality resources will ensure you a challenging and rewarding experience. We provide excellent student support, including an extensive tutorial system for academic support and pastoral care, student-to-student mentoring, a dedicated undergraduate office, and approachable, well-qualified and co-operative staff.

Professional accreditation

All our Mechanical Engineering degrees are professionally accredited by the relevant bodies. For full details, see: www.manchester.ac.uk/mace/u

ndergraduate/accreditation

What you study

Mechanical Engineering

Years 1 and 2: Learn basic engineering knowledge and skills. Subject to satisfactory performance, you may transfer from the BEng to an MEng course at the end of Year 2.

Year 3 (BEng): Focus on individual work, including a major solo investigative project.

Years 3 and 4 (MEng): Select subjects from a range of options to suit your individual needs and career aspirations, combined with substantial individual and group projects.

Mechanical Engineering with Management

Run jointly with Manchester Business School

Study mechanical and manufacturing engineering, alongside industrial organisation, financial reporting and management of people and systems. Mechanical engineering is concerned with not only technology, but also people, money and organisations. 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.

Mechanical Engineering with Industrial Experience

Boost your employment prospects further by taking a structured placement year in industry after completing the first three years of the Mechanical Engineering course. Your academic tutor will visit you at your place of work.

Career opportunities

Mechanical engineering is the most fundamental of all the engineering disciplines.

Professional mechanical engineers can work in a whole range of industries: aerospace, automobile, building services, construction, electronics, manufacturing and the process industries. The demand for mechanical engineers is high and relatively stable, because it is less affected by recession in any single industry. Mechanical engineers also find employment opportunities in other branches of engineering, where their key 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 arenas.

As a graduate of the 'with Management' and 'Industrial Experience' courses, you emerge with not only solid engineering training, but also a useful insight into the commercial world, which equips you for a wide range of careers, including general management and sales, as well as jobs in more technical fields.

You have access to advice and development opportunities at the best university Careers Service in the UK, and help is available to you on all aspects of your career.



Support in place from lecturers for the students is first class, as they are always available to offer help if you are struggling. The Mechanical Engineering course is diverse and includes a variety of course units to give as much experience as possible.

Rebecca Hodge BEng Mechanical Engineering





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, you will need to visit our website at:

www.manchester.ac.uk/medicine

If you are uncertain about the acceptability of your status or qualifications, please contact us (see below for details). We try to provide a personal service to all our applicants.

For entry requirements to specific courses, see our course index at the back of this prospectus.

Medicine (including Foundation Year) MBChB 6yrs

UCAS Code A104

Medicine MBChB 5yrs

UCAS Code A106

WHY MANCHESTER?

- Modern and developing degree course at a world-ranking university
- One of only five Academic Health Science Centres in the country, carrying out worldleading research within our School and with our NHS partners that informs our courses
- Personalised education supported by an academic advisor who is a doctor and will stay with you throughout your course
- Early clinical experience both in hospital and in the community

Find out more

www.manchester.ac.uk/medicine ug-medicine@manchester.ac.uk t +44 (0)161 275 5025

At Manchester, we ensure that all our medical graduates have strengths in the following areas:

- Quality: Able to demonstrate high standards in both academic and clinical achievements
- Values: Possessing a strong ethical framework, integrity, a strong sense of responsibility (for patients and communities), selfawareness, an empowering sense of fairness (needs of a diverse society, both locally and internationally) and the ability to become a leader and agent of change
- Knowledge, skills and attributes: Possessing an extensive knowledge base that is applied through highly developed interpersonal and clinical skills

What you study

Your degree course is divided into three phases of study, which include training in the learning skills appropriate to ease your transition to studying medicine at a world-ranking university.

In phase one, we introduce you to the biomedical, behavioural and social sciences underpinning medicine. Course units adopt a blend of different methods of teaching and learning, including small-group (case-based, problembased, project-based and enquiry-based), e-learning, lectures, symposia and laboratory sessions (in anatomy, physiology, pharmacology and microbiology).

You will have early clinical experience both in hospital and in the community.

As you progress through your course, teaching and learning will explore your future role within the healthcare team and introduce you to the clinical science necessary for medical practice.

You will become able to:

- Develop personal themes and interests, such as global health, academic research, or leadership
- Acquire early in your degree the basic skills of medicine (communication, history-taking, examination, procedural), building and excelling in these as your course progresses
- Develop around the three main themes of a doctor as practitioner, scholar and scientist, and professional
- Build on what you learn in the three main themes, adding new topics and demonstrating your mastery of these through assessments
- Benefit from assessments that drive you towards achievement of excellence, with timely, detailed feedback

Where you study

Years 1 and 2: On campus.

Years 3 to 5: Gain the greatest possible access to a broad range of patients and doctors as teacher and role model, via off-campus clinical attachments through one of our four teaching hospitals and their associated district general hospitals: Central Manchester Foundation Trust (MRI), University Hospital of South Manchester NHS Trust (South), Salford Royal NHS Foundation Trust (Salford), Lancashire Teaching Hospitals Foundation Trust (Preston).

We work in close partnership with local NHS Hospital and Community Trusts in Greater Manchester and the wider North West. This enables you to undertake a range of placements in both community and hospital settings. All placements are regularly audited to ensure you have a high-quality learning experience.

European Studies

You may apply to enrol on the European Studies option in Year 1, if you have linguistic ability to AS or A2-level standard (or equivalent) in French, German, or Spanish. On this option, you enhance your language skills by weekly tuition in your selected language and will undertake an extended placement at one of our partner universities in France, Germany, Spain, or Switzerland.

Foundation Year

If you do not have the required science qualifications for the five-year course, but have achieved good A-levels in other subjects, or have equivalent academic competence or potential, apply for our Foundation Year, which will provide you with the necessary underpinnings of biomedical sciences. The year is run in collaboration with Xaverian College (www.xaverian.ac.uk), close to our campus. Satisfactory completion leads directly on to the five-year course.

Career opportunities

UK medical graduates are currently able to secure a place on the two-year course that leads to full registration with the General Medical Council.



You are given exposure to patients at an early stage. This gives you the tools required to conduct yourself within a hospital environment.

Neil Forbes Medicine MBChB

77

After graduating in Politics, Philosophy and Economics (PPE), Sian went on to study for an MA in Humanitarianism and Conflict Response. She then worked as a student marketing intern at the University for a year before starting her job as administrator of the Humanitarian and Conflict Response Institute and UK International Trauma Register.

Manchester made me... want to stay

Come and see Manchester on a rainy day! It poured with rain all day on my open day and still I knew it was where I wanted to be

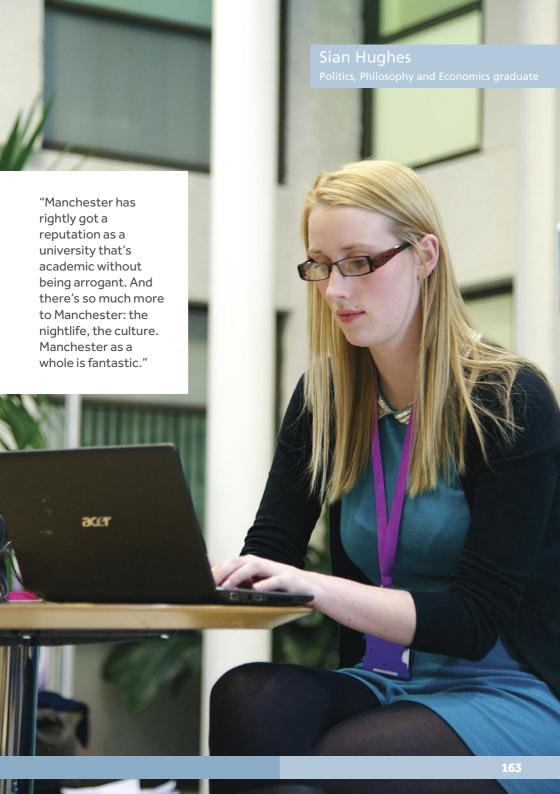
There's such a lot of flexibility on the PPE course, you can mould it to be exactly what you want. I've got friends on PPE who do statistical jobs now because they focused on Economics. Others have gone on to do postgraduate degrees in Deep Philosophy. The amount of choice it gives you is excellent.

During my masters we organised a student-led conference to fill a gap. A lot of conferences are for academics with nothing really for students. It was a really good way to make strong friendships with people. We got some big names and it was a huge success.

My year's internship was invaluable.

I got so much experience and my manager was absolutely amazing about making sure that I got involved in everything. She really encouraged me to go on all types of training. It developed my confidence more than I can say.

I know I want to stay in Manchester. I worked in Rwanda after I graduated and I do enjoy travelling for short amounts of time, but I'm very much a home girl. And Manchester is definitely home.





Middle Eastern Studies

TYPICAL OFFER

A-level: ABB-BBC IB: 35-29

For entry requirements to specific courses, see our course index at the back of this prospectus.

A Middle Eastern Language and a Modern European Language BA 4yrs

UCAS Code TR69

Arabic Studies BA 4yrs UCAS Code T624

English Language and a Middle Eastern Language BA 4yrs UCAS Code OT36

Hebrew and Israel Studies BA 4yrs

UCAS Code O4T6

Linguistics and a Middle Eastern Language BA 4yrs UCAS Code OT16

Middle Eastern Languages BA 4yrs

UCAS Code T608

Middle Eastern Studies BA 3yrs
UCAS Code T601

Middle Eastern Studies and a Middle Eastern Language (Arabic, Hebrew, Persian or Turkish) BA 4yrs

UCAS Code (Arabic: T610; Hebrew: T6Q4; Persian: T613; Turkish: VT61)

Middle Eastern Studies and Screen Studies BA 4yrs

UCAS Code TW66

Modern Language and Business and Management (Arabic) BA 4yrs

UCAS Code TN61

Modern Middle Eastern History BA 3yrs

UCAS Code V140

Modern Middle Eastern History and a Middle Eastern Language (Arabic, Hebrew, Persian or Turkish) BA 4yrs

UCAS Code (Arabic: V2T1; Hebrew: V2T6; Persian: V2T3; Turkish: V2T0)

WHY MANCHESTER?

- More than a century's experience in studying the Middle East
- Teaching informed by the research of internationally reputed staff with expertise in diverse fields – eg contemporary politics, modern history, religious studies, literature, film, and the study of contemporary Middle Eastern cultures and societies
- Degrees offering ample room for personal choice and flexibility
- Focus on the present-day Middle East and the historical roots of its current upheavals
- Based in a multicultural city with Middle Eastern communities

Find out more

www.manchester.ac.uk/alc ug.languages@manchetser.ac.uk t +44 (0)161 275 3211 The Middle East plays an important economic and political role in the modern world, and offers great cultural diversity and richness. Several globally important religious traditions come from the Middle East, including those that have shaped the history of Europe.

At Manchester, we accompany teaching in the Middle Eastern languages – Arabic, Hebrew, Turkish and Persian – with the study of the national cultures. societies and religious traditions. placed in the context of their Middle Eastern neighbours. These languages are taught ab initio (no prior knowledge required). Our courses explore the fascination of the modern Middle East, but also its historical roots, and you can explore classical forms of the modern languages in some courses.

Our University Library and University Language Centre provide excellent learning facilities and support.

What you study

A Middle Eastern Language and a Modern European Language

Combine the study of two languages with options in culture, literature, politics, history, linguistics and in religious studies. If you study French or Spanish, vou need an A-level (minimum grade A) in that language. For Russian, Italian and German, you can study those languages ab initio; however, you must have at least one A-level (minimum grade B) in a foreign language. Spend Year 3 abroad, divided between a Middle Eastern country and another country in which your chosen languages are spoken.

Arabic Studies

Combine written and spoken Modern Standard Arabic, with a wide choice of options in culture, literature, history, international relations, politics and religious studies. Build your own tailormade curriculum around the compulsory language core on this flexible course. Spend Year 3 abroad on an intensive language course in a country where Arabic is spoken.

English Language and a Middle Eastern Language

Combine the study of the English language with a Middle Eastern language. Spend Year 3 on an intensive language course in a country where your chosen language is spoken. See Linguistics and English Language.

Hebrew and Israel Studies

As Arabic Studies above, but you spend Year 3 in Israel.

Linguistics and a Middle Eastern Language

Combine the study of linguistics with a Middle Eastern language. Spend Year 3 on an intensive language course in a country where your chosen language is spoken. See Linguistics and English Language.

Middle Eastern Languages

Achieve proficiency in two of either Arabic, Hebrew, Turkish, or Persian (NB Turkish and Persian may not be studied together), while studying the languages in their cultural and historical context. Spend Year 3 abroad at educational institutions in two Middle Eastern countries relevant to your languages, gaining confidence in your language skills and first-hand experience of contemporary life in these countries.

Middle Eastern Studies

Gain in-depth understanding of a large region of central importance to the contemporary world. Your course is informed by academic developments in fields such as globalisation, cultural identity, diaspora and emigration studies, gender studies, and post-colonial studies, all of which are based on techniques in the analysis of evidence across several Middle Eastern languages.

Language skills are useful in achieving an advanced understanding of the Middle East, but they are not the only route. This degree therefore encourages the study of language(s) up to the end of Year 2, but does not make language study compulsory. Build your own tailor-made curriculum according to your interests and priorities on this flexible course.

Middle Eastern Studies and a Middle Eastern Language (Arabic, Hebrew, Persian or Turkish)

As Middle Eastern Studies above, plus the chance to gain competency in a Middle Eastern language while developing knowledge and understanding of the relevant countries and cultures.

Middle Eastern Studies and Screen Studies

Study a Middle Eastern language while also focusing on understanding film, its history and pre-history, and its development across other media (eg television, DVD, internet distribution). Spend Year 3 on an intensive language course in a country where your chosen language is spoken.

Modern Language and Business and Management (Arabic)

Study business and management in both European and global contexts, as well as the Arabic language. You will learn aspects of management, economics, finance, accounting and international business issues. Spend Year 3 abroad on an intensive language course in a country where Arabic is spoken.



Modern Middle Eastern History

Gain an in-depth understanding of the recent history of a large region that is of central importance in the contemporary world. Study the intellectual and political forces, and the internal conflicts, which have transformed the Middle East in modern times. Discover the complex and dynamic interactions between the peoples and states of the Middle East and the wider international community.

Modern Middle Eastern History and a Middle Eastern Language (Arabic, Hebrew, Persian or Turkish)

As Modern Middle Eastern History above, plus the chance to achieve near-native proficiency in your chosen language and study it within its cultural and historical context.

Career opportunities

Opportunities exist for a wide range of careers. Our graduates develop skills that are valuable for many occupations, including teaching in schools and colleges, broadcasting and print journalism, the publishing, legal, personnel and public sector professions, the Civil Service (including the foreign service and various intelligence services), private business (especially oil, retail, tourism, and real estate), and many others.

We also offer you the opportunity to embark on postgraduate studies within one of Middle Eastern Studies' sub-disciplines. A number of our graduates have followed this path and pursued successful careers in higher education within the UK and abroad.



Studying Arabic at
Manchester has given me
a better understanding of
the Middle East whilst
allowing me to develop
essential academic skills,
thanks to the friendly and
expert staff here in the
department. I was also
able to live and study
Arabic in Egypt and
Jordan, which was an
incredible experience.

Kelly Murphy

BA Middle Eastern Studies and a Modern European Language



Modern Languages

TYPICAL OFFER

A-level: AAA-BBC IB: 37-29

For entry requirements to specific courses, see our course index at the back of this prospectus.

See also Chinese, European Studies, French, German, Italian, Japanese, Middle Eastern Studies, Russian, Spanish and Portuguese.

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
- Award-winning teachers and highly rated academic research staff, attracting generous government funding.

Find out more

www.manchester.ac.uk/alc ug.languages@manchester.ac.uk t +44 (0)161 275 3211 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 a wide range of foreign languages for students throughout the University.

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

We offer Single and Joint Honours degrees, an Integrated Professional Master in Languages (IPML) – a prestigious undergraduate masters – and various combined courses with partners across the University.

Facilities and resources

Our University Library, brand-new Learning Commons and our University Language Centre all have superb resources and self-study facilities. The ULC also helps put you in touch with native speakers for regular conversation practice in your chosen language. We enjoy close links with branches of the Alliance Française and Instituto Cervantes, both based in the city centre, and we are an official Prüfungszentrum for Goethe-Institut examinations in German language.

Your progress and welfare are monitored by an academic advisor, who can offer advice whenever necessary. You also maintain a personal development plan that you can discuss with your academic advisor. This helps you assess your skills development, and aids your career prospects by enabling you to build up a personal profile.

Skills development and specialisation

The languages specialisation enables you to study a modern language over four years, including a compulsory period of residence abroad in Year 3, in a country where the language you study is widely spoken.

Diverse activities designed to build on your linguistic abilities include work in speaking, listening, reading and writing (including translation work)

Year 1 includes introductory units covering linguistic, cultural, literary, or historical subjects. As you progress, you can choose from an enormous range of more specialised subjects, such as linguistics, cultural studies, film and media studies, history, politics, religion, literature and translation.

If you study a language in combination with another subject (including a second language), you will study the two areas equally during Year 1. You may continue with this equal split, or weight your studies in a two-thirds/one-third combination in Years 2 and 4. This flexible

approach enables you to build up a highly distinctive academic profile that is tailored to your particular interests and aims.

Career opportunities

Language graduates are extremely successful in the job market; employers value high-level language skills, even where jobs do not directly require foreign languages. Your linguistic expertise and the diverse skills you acquire during your studies will open up many career paths with an international dimension in areas such as business, industry and finance. Our alumni have pursued careers in areas such as journalism, broadcasting, IT, marketing, law, finance, project management, energy and publishing.

You may also opt for further study, for a professional or vocational qualification (such as a PGCE) or for a higher degree (such as an MA or a PhD).

STUDY ABROAD opportunities

Music

TYPICAL OFFER

A-level: AAB (Joint course with RNCM AAA) IB: 36-35

You also need Associated Board (or equivalent examinations) Grade 8, preferably at Distinction, on an instrument/voice

For entry requirements to specific courses, see our course index at the back of this prospectus.

Music MusB 3yrs UCAS Code W302

MusB and PqDip RNCM 4yrs

(Applications via www.cukas.ac.uk – CUKAS Code 399F)

Music and Drama BA 3yrs UCAS Code WW34

See Drama.

WHY MANCHESTER?

- Consistently ranked within the UK's top three music departments for the past 15 years
- Consistently high satisfaction ratings in the National Student Survey – 96% in 2012
- Manchester is home to more professional music-making than any other UK city outside London
- Instrumental teachers drawn from the city's three professional orchestras, with many shared with the Royal Northern College of Music
- Music at Manchester is housed in one of Manchester's premiere concert venues, including an £8 million purpose-built building with a state-of-the-art concert hall and £2 million computer music research studios

 Around 100 departmental concerts each year to standards that equal those of many conservatoires

Find out more

www.manchester.ac.uk/music ug-music@manchester.ac.uk t +44 (0)161 275 4987

Providing a rare combination of academic excellence with what is arguably the liveliest performance culture of any university, Manchester is now recognised as one of the best places to study music anywhere.

World-class talent

With three professional orchestras (BBC Philharmonic, Hallé Orchestra and Manchester Camerata), the BBC, Bridgewater Hall and Royal Northern College of Music (RNCM), Manchester is home to more professional music-making than any other UK city outside of London – and benefits from having a more compact and intimate music-making community than the capital city.

We put on more than 100 concerts every year, covering a range from orchestral, choral, opera, contemporary, experimental and electroacoustic works, to jazz and world music. Our internationally acclaimed string quartet in residence, the Quatuor Danel, offers chamber music coaching, concerts and seminars. Our Contemporary Ensemble in Association, Psappha, provides a professional platform for the work of student composers.

Multimillion-pound facilities

Our contemporary £10 million music-making facilities are among the finest you'll find anywhere. These include the Cosmo Rodewald Concert Hall, John Thaw Studio Theatre, Lenagan Library, extensive audio/visual provision, the NOVARS electrocoustic studios, and enhanced performance, workshop and practice spaces.

Teaching excellence

Our lecturing staff of composers, performers and musicologists rank among the finest minds in their fields worldwide. This research culture is the foundation for a distinctly unconventional curriculum of cutting-edge teaching, and is complemented by first-class visiting instrumental teachers from the city's three professional orchestras.

At Manchester, we see performance (making music), musicology (thinking about music) and composition (creating new music) as three sides of an equilateral triangle that all strengthen and complement one another. We pursue excellence in all three, and are particularly passionate about exploring the ways these things support and inform one another.



What you study

Our course structures are highly flexible and offer a huge amount of choice, allowing you to pursue training to the highest academic and professional standards, whatever your interests.

MusB

Develop your existing skills to the highest levels, discover aspects of the subject you may not even have heard of yet, and prepare for your future career on our flagship threeyear degree. Develop a portfolio of study that suits you as an individual on our flexible course: you will initially explore the breadth of this wide-ranging subject, then acquire the depth of understanding and skill that you need in your chosen areas of specialism. With course units ranging from digital entertainment technologies to medieval notation, from world music to Wagnerian opera, and from film-music composition to conducting, our course promises to stimulate you as a musician practically, intellectually and creatively.

MusB and PgDip RNCM Joint Course

Combine study at a premier music conservatoire with one of the most highly rated university music departments in the UK, on our MusB (Hons) and graduate diploma RNCM four-year double degree. Our unique course provides excellent training for students who are gifted both academically and as performers. You follow both undergraduate courses in Years 1 to 3, then spend Year 4 at the Royal Northern College of Music (200 metres from our School). Most performance tuition is provided by the RNCM.

Entrance to this course is highly competitive. To apply, you must submit an application for course 399F to the RNCM via CUKAS by early October, stating 'Joint course with The University of Manchester'. Your application will be equally reviewed by the RNCM and the University. If you wish to be considered for the University MusB, in the event that your joint course application is unsuccessful, you MUST apply to the MusB course W302 through UCAS as well.

Music and Drama

As well as music, study theatre, drama and film through history, theory and practical performance on this course. One-third of your time focuses on music, one-third on drama, and one-third on interdisciplinary topics, such as music theatre, or music and film.

Career opportunities

A Music degree from Manchester provides excellent training for a host of careers, both within and outside of the music industry. Our graduates include some of the country's leading new performers. composers, conductors and music scholars. Some go on to become music teachers, but a degree in Music doesn't limit you employers know that our graduates are dedicated, creative. versatile, excellent team players, highly organised, can work on their own initiative and have exceptional powers of concentration. Our graduates' careers include jobs as diverse as accountancy, law, iournalism, broadcasting, publishing, and the military.

66

I had a lot of performance opportunities, which was a big bonus.
Perhaps most importantly, the department provided me with a safe, supportive environment where I felt I had the space to spread my musical wings and really work out where I was heading musically.

Marcus Farnsworth

MusB graduate and winner of the 2011 Ferrier Competition



Nursing and Midwifery

TYPICAL OFFER

RNurs

A-level: Children's: BBB, Adult: BBC, Mental Health: BCC IB: 31-28

.

BMidwif

A-level: ABB

For entry requirements to specific courses, see our course index at the back of this prospectus.

Adult Nursing BNurs 3yrs UCAS Code B740

Child Nursing BNurs 3yrs UCAS Code B730

Mental Health Nursing BNurs 3yrs

UCAS Code B762

Midwifery BMidwif 3yrs UCAS Code B720

WHY MANCHESTER?

- One of the UK's leading departments in nursing, midwifery and social work
- International reputation for outstanding teaching and research
- Excellent clinical practice learning opportunities in a range of hospital and community settings
- Registered qualification from the UK Nursing and Midwifery Council (NMC), allowing you to practice as a qualified nurse or midwife

Find out more

www.manchester.ac.uk/nursing ug.nursing.bnurs@manchester.ac.uk Adult: t +44 (0)161 306 7600 Child/Mental Health: t +44 (0)161 306 7603 ug.midwifery@manchester.ac.uk t +44 (0)161 306 7602

Our School topped the UK table for nursing and midwifery research in the last Research Assessment Exercise (2008) and regularly receives excellent independent assessments for the quality of our teaching and learning. Courses are divided equally between campusbased academic study and practice learning experience in a range of settings, where you are supervised by qualified health professionals (mentors).

To allow you sufficient time in practice, our courses are based on a full-time working week in which you work similar shifts to your mentor when in a practice setting. This includes weekends, bank holidays and night duty. Additional private study is required each week to prepare for lectures, practice placements and assessments.

As well as gaining an academic qualification, successful students become eligible for registration with the Nursing and Midwifery Council (NMC) as a nurse or midwife, allowing you to practice in a wide range of settings across the UK. Our courses prepare you to provide high quality care to your clients and equip you with the potential to become future leaders and researchers in your chosen field.

Funding

All UK and EU students on nursing and midwifery courses have their tuition fees paid in full by the NHS. Due to funding issues, we are only able to accept applications for these courses from UK and EU citizens. UK students accepted onto the courses may also apply for an NHS bursary. See: www.nhsbsa.nhs.uk/students

What you study

Bachelor of Nursing (BNurs)

Specialise in one of three fields of nursing practice: adult nursing, mental health nursing or child nursing. You must choose your field before starting this course.

Study aspects of nursing theory and practice core to all fields of nursing throughout the course; the emphasis on your chosen specialist field increases each year. We emphasise the importance of competence in clinical nursing practice combined with in-depth knowledge and evidence-based decision-making skills.

Study the theoretical basis of nursing practice and a range of theories of human functioning drawn from behavioural, social and biological sciences. Undertake supervised clinical practice in a range of nursing settings, increasing your clinical experience.

Year 1: Study nursing theory and practice, anatomy and physiology, microbiology, pharmacology, social and behavioural sciences, nursing theory, study skills, epidemiology and public health, research and evidence-based practice, and communication. Some shared learning with students from other fields, with application of shared learning to your chosen field. Undertake at least two practice placements.

Years 2 and 3: Develop in-depth knowledge and skills related to your chosen field, across a range of settings and specific patient/client groups with a variety of acute, medium- and long-term conditions. Elements of shared learning across all fields include pathology, pharmacology, health psychology, nursing assessment, management and leadership, and research- and evidence-based practice. You also join with students across the University to complete the Manchester Leadership Programme.

Supervised practice placements increase in number each year and include an elective placement where you experience an area of specific interest. Year 3 develops and extends your knowledge and practice and the final extended practice placement enables you to develop skills in management and leadership, ready for your role as a qualified nurse.

Bachelor of Midwifery (BMidwif)

Benefit from our philosophy of midwifery practice, where midwives work in partnership with women and their families to provide care that will meet their individual needs. Learn to provide high quality care for your clients, and develop leadership skills, enabling you to contribute to the future development of maternity services. You will enjoy a well-structured curriculum, excellent learning opportunities, impressive learning resources and dedicated individual support. Your course is modular in structure and is divided equally between theory and clinical practice.

Year 1: Focus on the knowledge and skills needed to provide midwifery care for women and families experiencing a physiologically normal childbirth process. Study essential information about childbearing, midwifery theory and evidence-based practice, as well as core topics such as anatomy and physiology, microbiology, and communication skills. Gain detailed knowledge and understanding of infant feeding issues. Practice placements focus on the development of basic midwifery skills in a range of settings, including community, delivery suite and post-natal wards.

Year 2: Examine aspects of complicated childbirth and the specific roles, responsibilities and skills of midwives when caring for women with complex needs. Study strategies for caring for sick and atrisk neonates. Gain further knowledge and skills for understanding research, forming a sound foundation for critically appraising research studies as a basis for evidence-based approaches to midwifery practice. Examine models of midwifery-led care, preparing for your midwifery case holding experience. You will also join with students from across the wider University to complete the Manchester Leadership Programme.

Practice placements will develop your skills in providing antenatal, intranatal and postnatal care. You also undertake short placements in a neonatal or transitional care units, medical care environments and gynaecological areas.

Year 3: Consolidate and extend your existing knowledge and skills to facilitate the transition to qualified midwife status, honing skills for responding to and managing midwifery emergency situations and the role of the midwife in health promotion and public health. Prepare for qualified

practice by examining key aspects of management, leadership and practice development. Complete a dissertation, learning to evaluate research evidence and apply such knowledge to practice, or begin to plan your own research project.

As well as the normal range of midwifery placements in Year 3, you regularly provide care for a small caseload of families.

Career opportunities

Our graduates have taken up a wide variety of positions in their chosen specialities in the UK and overseas. Career prospects are excellent, with significant opportunities for employment and further professional development and specialisation. UK-registered nursing and midwifery qualifications are recognised in many countries and therefore provide potential opportunities for travel and work abroad.



The BMidwif degree has been a fantastic experience for me so far. All my learning has been well supported by lecturers and tutors, and my time in the clinical skills labs really helped prepare me for my clinical placement.

Olivia Duncan BMidwif (Hons)

77

Optometry

TYPICAL OFFER

A-level: AAB IB: 35

For entry requirements to specific courses, see our course index at the back of this prospectus.

Optometry BSc 3yrs UCAS Code B510

Optometry MOptom 4yrs

You should only apply to our BSc. At the end of Year 2, if you would like to continue onto the MOptom course and are selected (based on a good academic performance), you can do so.

WHY MANCHESTER?

- New, purpose-built facilities
- Clinical experience at one of Europe's leading eye hospitals: Manchester Royal Eye Hospital
- Renowned researchers involved in your lectures, practicals and clinics, giving you excellent standards of teaching
- Option to take our MOptom the only course in the country that allows you to register directly with the General Optical Council and go straight into practice when you graduate, without needing a year of preregistration practice
- 95% overall satisfaction in the 2012 National Student Survey

Find out more

www.manchester.ac.uk/ lifesciences ug.lifesciences@manchester.ac.uk t +44 (0)161 275 5032

Manchester has long been an 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, the term now superseded by the more internationally recognised Optometry.

Cutting-edge facilities

Optometry moved into brandnew, 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.

Informed teaching and research

Our teaching is enhanced by the contribution of more than 30 optometrists, dispensing opticians, orthoptists and ophthalmologists from private and hospital practice, all of who are part-time members of the Faculty.

Our research interests embrace 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 supports your learning. Eurolens Research, the European Centre for Contact Lens Research, is 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 optometry staff in Manchester

What you study

Year 1: Discover the scientific principles that underpin optometry, including the properties of light, the anatomy of the eye and the processing of vision in the brain. Learn about ophthalmic appliances, such as lenses, and instrumentation, such as retinoscopes. Get introduced to general eye examination techniques and start to meet patients in your second semester.

Year 2: Further develop your knowledge of ophthalmic appliances and optometric instrumentation. Discover a broad range of new topics, including human disease processes, pharmacology, contact lens practice and binocular vision.

Develop your clinical skills so that by the end of the year, under supervision, you will have the competence and confidence to examine members of the public.

Spend one week full-time at Manchester Royal Eye Hospital during your summer vacation, gaining a wealth of practical clinical experience in all hospital departments. This is a unique element of our degree courses and is not offered at any other UK university.

Years 3 and 4: If you wish to proceed to the MOptom at the end of Year 2 and are selected, based on good academic performance and communication skills, you embark on the final two years, which include a year of practical experience – in both private practice and at an eye hospital – plus advanced project and lecture courses.

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

For full details of all our course units, visit:

www.manchester.ac.uk /lifesciences

Career opportunities

Optometry is a vocational course with excellent career prospects; 96% of our graduates are employed in a graduate job within six months of completing their degree.

Optometry is rewarding work, involving meeting a variety of people and helping them to lead a fuller life by correcting their vision with spectacles or contact lenses, establishing the eyes are healthy and advising on eye-care matters. Increasingly, optometrists are becoming involved with a wide scope of practice, including prescribing ocular therapeutics for eye disease.

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 you could choose to teach or undertake research in industry or academia.

Find out more

For more information, contact us and ask for our Optometry brochure. If you would like to come and have a look around our facilities, contact our Recruitment and Admissions Office staff, who will be happy to organise a personal tour with a student ambassador at a mutually convenient time



I really liked having mock patients from second semester, first year. It was a little daunting at first, but it really helps you to communicate with patients, which is a skill you'll need every day in practice.

Emily Dennam BSc Optometry

77

Petroleum Engineering

TYPICAL OFFER

A-level: AAB IB: 35

For entry requirements to specific courses, see our course index at the back of this prospectus.

Petroleum Engineering BEng 3yrs

UCAS Code H850

Petroleum Engineering MEng 4yrs

UCAS Code H851

WHY MANCHESTER?

- Joint course with teaching shared between our School of Earth, Atmospheric and Environmental Sciences and School of Chemical Engineering and Analytical Sciences
- 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

Find out more

www.manchester.ac.uk/seaes ug-earth-sci@manchester.ac.uk t +44 (0)161 306 9360 The availability and exploitation of oil and gas resources underpin the world's economy and, as the petroleum industry reaches maturity, new hydrocarbon resources are becoming increasingly difficult to find. In addition, the worldwide demand for oil is increasing rapidly. The decline in new discoveries, coupled with increased demand, has resulted in rising oil prices. and so oil companies are placing more emphasis on efficient recovery to maintain production and meet increasing demands.

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. These undergraduate courses are designed to equip you with the knowledge and skills that are required by the petroleum industry. Several of the course units will be lead by industry professionals and the project work is designed to simulate real petroleum engineering problems.

Producing oil and gas from reserves effectively and safely is of immense economic importance, and requires a broad spectrum of knowledge and skills.

These Petroleum Engineering courses aim to equip you with the skills and knowledge required to manage and operate oil fields effectively.

44

The Petroleum
Engineering course
at The University of
Manchester is a great
combination of
geoscience and
engineering, practicalbased and theoretical
work. The course units
incorporated and the
connections with
industry are placing me
in excellent stead for a
graduate position in the
oil and gas industry

Sarah Barber

BEng Petroleum Engineering



Pharmacy and Pharmaceutical Sciences

TYPICAL OFFER

Due to the detailed nature of entry requirements for the two pharmacy courses, we are unable to include a typical offer in the prospectus. For complete and up to-date information on our entry requirements for Pharmacy and Pharmaceutical Science, you will need to visit our website:

www.manchester.ac.uk/pharmacy

For entry requirements to specific courses, see our course index at the back of this prospectus.

Pharmacy MPharm (including Foundation Year) 1 + 4yrs UCAS Code B231

Pharmacy MPharm 4yrs UCAS Code B230

WHY MANCHESTER?

- Distinguished history at 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, immensely rewarding and fun

Find out more

www.manchester.ac.uk/pharmacy ug-pharmacy@manchester.ac.uk t +44 (0)161 275 2334

Pharmacy as a profession

One of the most dramatic advances in healthcare 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 the nation's 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

Community pharmacists have everyday contact with the general public, acting as a readily accessible, qualified advisor on health matters. The combination of a scientific discipline working within a social context provides a great deal of workplace satisfaction.

Hospital pharmacists are responsible for provision of medicines to patients, and also provide advice to medical and nursing colleagues on the action and use of medicines and any potential toxic side effects.

Industrial pharmacists work in the areas of research, production and marketing of medicines.

Pharmacy at Manchester

Established in 1883, pharmacy and pharmaceutical sciences have a long tradition in Manchester. Today, we are an innovative leader in the teaching of the subject and perform research of international repute.

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; and policy-relevant medicines research.

You have the opportunity to participate in an area of research in your final year, ranging from traditional laboratory-based projects, pharmacy practice and professional topics, to outreach and public engagement activities – all of which are topical and have in the past occasionally led to publications.

What you study

Foundation Year

If you have A-levels (or equivalent) in appropriate subjects, but not the grades required for direct admission to our MPharm degree, but you have experienced educational or other disadvantage, we encourage you to apply to our Foundation Year. You may also apply if you do not have the required science qualifications for direct admission, but have achieved good A-level grades in other subjects, or can demonstrate equivalent academic competence or potential.

We run this course in collaboration with Xaverian College (www.xaverian.ac.uk), a short walk from our campus, alongside tutorials and laboratory classes in the University's School of Pharmacy. You study a common core of units in biology and chemistry, along with some foundation mathematics and statistics and a pharmacy specific unit.

Satisfactory completion of end-ofyear assessment leads onto our MPharm.

MPharm

Gain a broad-based, scientifically strong education in pharmacy, including extensive clinical training, which enables you to enter all areas of the profession on graduation and to adapt to changes that may occur during your professional life. Become conversant with the wide range of topics relating to pharmacy and the pharmaceutical sciences, be able to communicate effectively and appreciate the professional and social role of the pharmacist.

Develop communication skills through oral and written presentations, and learn via innovative teaching methods, such as problem- and enquiry-based learning, tutorials, video and computer-assisted learning, alongside more traditional methods of formal lectures and practical classes.

Use our computer-assisted learning laboratory throughout your degree as an aid to your studies, and undertake role-play simulations via interactive video programmes in therapeutics teaching.

Follow a compulsory core course unit with extensive specialisation in your final year, involving a large-scale project in the area of your choice. Undertake visits to a local hospital as a formal part of your studies from Year 2 onwards, participating in ward rounds and discussing patient case histories with practising hospital pharmacists.

Your knowledge is mainly assessed in end-of-semester examinations by essay-type questions, short answers, multiple-choice questions and web-based assessment. Your practical skills are continuously assessed during practical classes and examinations. In Year 4, you undertake a project from which your laboratory, oral communication and report-writing skills are assessed. Your final degree mark is based on the results of examinations in Years 2, 3 and 4, and the Year 4 project.

Career opportunities

Upon successful completion of the MPharm degree, the General Pharmaceutical Council of Great Britain recognises you as entitled to register as a pharmacist after completing one year of preregistration 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.

Pharmacy can offer you rewarding and worthwhile careers, with an exceptional variety of interesting employment.



My experience as a pharmacy student thus far has been amazing! My favourite aspect has been working through courses in various scientific disciplines and understanding their contribution to pharmacy. This has allowed me to also appreciate the expertise of my professors and the work that goes into running the course. As such. I have areat confidence in the quality of education I'm receiving.

Christine Mwangi Pharmacy MPharm



Philosophy

TYPICAL OFFER

A-level: AAB-ABB IB: 35-34

For entry requirements to specific courses, see our course index at the back of this prospectus.

Economics and Philosophy BA (Econ) 3yrs

UCAS Code LV15

Philosophy BA 3yrs

UCAS Code V500

Philosophy and Criminology BA (SocSci) 3yrs

UCAS Code VL53

Philosophy and Politics BA (SocSci) 3yrs

UCAS Code VL52

Politics, Philosophy and Economics (BA) 3yrs

UCAS Code LV25

Social Anthropology and Philosophy BA (SocSci) 3yrs

UCAS Code LV65

Sociology and Philosophy BA (SocSci) 3yrs

UCAS Code LV35

See also Economic and Social Studies; Mathematics; Physics and Astronomy, Politics, Philosophy and Economics; Social Sciences.

WHY MANCHESTER?

- Long-established tradition of teaching and research in philosophy
- Cooperative and supportive environment that promotes a spirit of open enquiry and intellectual rigour for our students
- Student-run Philosophy Society that meets regularly for talks and social activities

Find out more

www.manchester.ac.uk/ socialsciences t +44 (0)161 275 4470/2291/1473/4748

What is philosophy?

Here are some philosophical questions...

Can we really know that things are as they seem?

Are we free to decide what to do, when the universe is governed by the strict laws of physics?

Could a machine think or have feelings?

Are any sorts of behaviour objectively right or wrong, or do we merely think that they are right or wrong?

Are the claims of science and religion consistent?

What makes an artwork beautiful?

What these questions have in common is that they are fundamental to our ordinary understanding of the world. Unless we can answer them, we cannot hope fully to understand knowledge, reality, mind, language, ethics, science, religion, or art.

To try to answer them, we need to step outside of our ordinary way of thinking about the world, and look at things from a different angle. We need to think logically, but also creatively; analytically, but also imaginatively.

Doing that can hurt your head sometimes, but is also a lot of fun.

Philosophy at Manchester

We have a long and distinguished history in philosophy. Past professors have included Samuel Alexander, Dorothy Emmet, Michael Polanyi, Arthur Prior and Graham Bird (Ludwig Wittgenstein was here for a while too, although he was studying aeronautical engineering rather than philosophy).

Besides supporting the research of our individual members, we have recently hosted a number of successful international conferences and become host to an annual series of Royal Institute of Philosophy symposia.

Relations between students and staff are friendly and relaxed, supported by our highly successful personal tutoring and mentoring schemes.

What you study

Philosophy

Gain in-depth knowledge and understanding of some central areas of Western analytical philosophy, and develop the ability to evaluate and think through for yourself philosophical arguments and positions, on this structured yet flexible course, informed by current research.

The distinctive feature of this course is its analytical spine. Discover some central areas of analytical philosophy in Year 1 (including critical thinking, metaphysics, epistemology and the philosophy of mind), equipping you to cover more specialist course units in Years 2 and 3.

Options include course units in ethics, aesthetics, logic, metaphysics, the philosophy of language, the philosophy of religion and the history of philosophy.

Social Sciences

Combine Philosophy with Criminology, Politics, Sociology, or Social Anthropology. Take a range of course units in social sciences disciplines in Years 1 and 2, including in Philosophy; then continue to do so in your final year, or specialise in a single area.

Career opportunities

Studying philosophy teaches you to think critically and imaginatively about a wide range of problems, and to present a clear and cogent case for your 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.



While Philosophy is a challenging degree, the support and guidance that lecturers and tutors readily offer has definitely made it rewarding! The structure of the course gives you a taster of most of what philosophy has to offer, and then encourages you to explore those areas that are of greatest interest to you.

Rob Knowles

BA Philosophy Now taking our MRes Philosophy





Physics and Astronomy

TYPICAL OFFER

A-level: A*A*A-A*AA IB: 39-38

For entry requirements to specific courses, see our course index at the back of this prospectus.

Mathematics and Physics BSc 3yrs

UCAS Code FG31

Mathematics and Physics MMath&Phys 4yrs

UCAS Code FG3C

Physics BSc 3yrs UCAS Code F300

Physics MPhys 4yrs UCAS Code F305

Physics with Astrophysics BSc 3yrs

UCAS Code F3F5

Physics with Astrophysics MPhys 4yrs

UCAS Code F3FA

Physics with Philosophy BSc 3yrs UCAS Code F3V5

Physics with Philosophy MPhys 4yrs

UCAS Code F3VM

Physics with Study in Europe MPhys 4yrs

UCAS Code F301

Physics with Theoretical Physics BSc 3 years

UCAS code F345

Physics with Theoretical Physics MPhys 4yrs

UCAS Code F346

See also Engineering and Science with an Integrated Foundation Year.

IOP Institute of Physics
ACCREDITED DEGREE

WHY MANCHESTER?

- One of the largest and most respected Schools of Physics and Astronomy in Britain, with two Nobel Laureates on our staff
- State-of-the-art facilities for teaching and research, following a £75 million extension and refurbishment
- Only Russell Group Physics department with an average overall student satisfaction score of over 95% over the last six National Student Surveys
- Jodrell Bank Observatory, the internationally renowned centre for radio astronomy, is part of our School
- Well-equipped laboratories, including rooftop optical and radio telescopes, plus extensive in-house computing facilities and a dedicated library

Find out more

www.manchester.ac.uk/physics ug-physics@manchester.ac.uk t +44 (0)161 275 4210

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

Wide-ranging research

Our research interests cover all of modern physics: astronomy; cosmology and astrophysics; condensed and soft matter physics

(including super fluids, superconductors and liquid crystals); nanoscale and mesoscopic physics; non-linear dynamics and chaos; atomic, molecular and laser manipulation physics; high energy particle physics; laser photonics; nuclear physics; accelerator physics, biophysics, and theoretical physics.

Many of our physicists work at major experimental facilities around the world. Our research activities consistently attract industrial support, and industry has strongly backed our programme to encourage more women to study physics.

What you study

You may follow either a three-year BSc, or a four-year MPhys degree in most of our courses. You usually decide which to choose at the start of Year 3, independent of your original choice at the UCAS application stage.

Physics

Provides a foundation in classical physics in Years 1 and 2, including dynamics, waves, electromagnetism and thermodynamics. We also introduce newer concepts, such as the unification of space and time, the meaning of wave-particle duality, and the relation between entropy and disorder. This introduction is taught through course units in special relativity, quantum mechanics, cosmology and statistical mechanics.

These modern concepts and the techniques of classical physics lay the foundation for study in Years 3 and 4, during which you may choose from a wide range of options designed to develop your expertise in diverse topics.

A B C D E F G H I J K L M N O P

including: atomic and molecular structure; solid-state electronic devices; electromagnetic radiation; lasers; stars and cosmology; particle and nuclear physics; and the more advanced aspects of theoretical physics.

Physics with Astrophysics

Ideal if you want to obtain a solid grounding in physics, but also study astronomy.

Astrophysics principally involves the application of the laws of physics to distant regions in which the physical conditions can only be inferred from the emission of electromagnetic radiation.

Learn about the sun and the solar system, the stars and the galaxy, distant galaxies and quasars and the beginning of the universe in the Big Bang. Discover how to apply basic physics in situations that are often extreme compared to those available on Earth. Enjoy the chance to conduct experiments at Jodrell Bank, home to the world's third largest fully steerable radio telescope.

Physics with Theoretical Physics

Aimed at students interested in the more mathematical and theoretical aspects of physics. A significant amount of practical work is replaced by lecture courses and project work in theoretical physics.

In Years 1 and 2, you study the topics of advanced dynamics, advanced mathematics and computational physics. In Years 3 and 4, you study in more depth topics of particular interest to you, such as advanced quantum theory, electrodynamics and general relativity.

Physics with Study in Europe*

Combine a comprehensive study of physics with one year of study in Europe. Get a working knowledge of a European language and a different culture. Language tuition, including some physics tutorials in the foreign language, forms an integral part of the course.

Exchanges are supported by the European Union's Erasmus programme. Most students study at universities in France, Spain, Italy and Germany.

Physics with Philosophy

Gain a solid grounding in all aspects of theoretical and experimental physics, replacing a substantial amount of laboratory work with lecture courses and project work in philosophy. Typical course units forming the philosophy stream include moral philosophy, theory of knowledge, philosophy of science, and ethics. You might also study the works of Spinoza, Wittgenstein and Aristotle

If you continue to MPhys level, you undertake a major project in an area of physics and philosophy in Year 4, and choose from a diverse range of optional course units. See Philosophy.

Mathematics and Physics

Study both mathematics and physics in depth. Teaching is greatly strengthened by staff research interests: we have large and lively groups active in both applied mathematics and theoretical physics. Topics of study from applied mathematics may include hydrodynamics, waves, elasticity and modelling of industrial processes. Research interests of the theoretical physicists cover, amongst others,

cosmology, high energy particle physics, nuclear physics and quark matter, and field theory in curved space-time. See Mathematics.

Visit days

Promising applicants will be invited to attend one of our visit days, held regularly between October and April. You will see our School at first hand, meet staff and current students, and will have an informal 30-minute interview with a member of staff.

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.

44

There are so many brilliant opportunities to take advantage of!

Ashley Timmons

MPhys Physics

77

* In addition to our Study in Europe course, we have exchange programmes with universities in North America, Singapore and Australia. You can apply to study at one of these universities in Year 3.



Planning and Environmental Management

TYPICAL OFFER

A-level: BBB IB: 32-31

MGeog / GIM with Planning

A-level: AAA IB: 36

For entry requirements to specific courses, see our course index at the back of this prospectus.

Environmental Management BA 3vrs

UCAS Code F851

Geography (Integrated Masters with Planning) MGeog 4yrs

UCAS Code F801

Town and Country Planning BA 3yrs

UCAS Code K402

Town and Country Planning MTCP 4yrs

UCAS Code K400

Urban Studies BSc 3yrs

UCAS Code K421

See also Environmental Science.

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 your degree, including one-week residential field trips in the UK and overseas
- Flexible courses with optional course units from across the University, and the chance to spend one semester studying abroad in Year 2

Find out more

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

The planning and management of the environment is increasingly important as governments and societies all over the world struggle to balance the demands of economic and sustainable development.

Have you ever wondered how the place you live in has developed? Who decides what kinds of development take place and where? What decisions impact upon the state of the environment in your neighbourhood – or indeed the planet – and how they are made?

To engage with these challenging questions, you need a good understanding of the environment and its many interactive processes. You also need to understand the impact that different types of interventions have on the environment, whether in the form of a new settlement, or the designation of a protected landscape, as societies look to develop and move forward.

The Manchester environment

Manchester is a place of major urban change, with a modern city centre, a regional shopping complex on its outskirts and one of the fastest-growing airports in Europe.

Various rural environments also lie close at hand, including three spectacular national parks.

What you study

All courses

Year 1: Gain a broad introduction to the environment and the problems of dealing with cities and regions. Get a flavour of problems and issues faced by the professionals; examine social, economic, ecological and design aspects of the environment; learn to gather, analyse and present information; and undertake day field trips around the North West. Make the transition to university life via dedicated small group tutorials and our highly successful student peer mentor system.

You may switch between courses at the end of this year. You continue for each course as follows:

Environmental Management

Year 2: Study topics such as protected landscapes, rural management and sustainable cities. Go on a rural field week and examine how the environment there is being managed, undertaking groupwork and presentations. Options include a work placement with an organisation in environmental management, and a course unit from across the University.

Year 3: Develop strong practicerelated skills in areas such as environmental law, environmental impact assessment, strategic environmental assessment, and project appraisal and auditing. Write a dissertation on a topic of your choice. Optional course units currently include sustainable communities, cities and consumption.

A B C D E F G H I J K L M N O P

Geography Integrated Masters with Planning (MGeog)

Study our brand-new, four-year master's course, studying geography in Years 1 to 3 with a final year of postgraduate-level studies in town planning. Gain the knowledge and skills necessary for a professional career in planning and related areas.

We are currently seeking professional accreditation of this course by the RTPI.

Town and Country Planning (MTCP)

Take a four-year course that leads to an enhanced undergraduate degree at master's level and full professional recognition by the Royal Town Planning Institute (RTPI). Alternatively, you can take the first three years and leave with a BA Honours degree that is still partially accredited by the RTPI.

Year 2: Study topics such as urban policy and politics, rural management, protected landscapes and UK spatial planning. Undertake a field trip to a rural area in the UK, and take the highly practical settlement project, developing skills for neighbourhood design. Options include a course unit from across the University, or studying abroad for a semester.

Year 3: Study core topics such as: planning law, infrastructure and spatial planning; and urban theory, planning theory and professional values. Write a dissertation on a topic of your choice. Optional topics currently include: sustainable communities; climate change impacts; energy, power and society; and coastal processes.

Year 4: Develop your specialism and undertake professionalrelated studies such as land and development; analysis and monitoring of spatial policies; and international planning (with an overseas field trip). Take a course unit in professional and career development. Options include a placement in a public or private sector planning office, plus topics such as: urban design and regeneration, planning for environmental change. environmental impact assessment, neighbourhood planning, community development, strategic environmental assessment environmental impact assessment. and client-based projects.

Urban Studies

Year 2: Take a management and control approach to understanding how cities and their regions change, including an in-depth look at town planning and the management of rural environments. Undertake practical projects, looking at settlement planning, and undertake a week's rural studies, usually in a nearby national park. Options include a course unit from across the University, or studying abroad for a semester.

Year 3: Study the major problems of restructuring cities and regions. Write a dissertation on a topic of your choice. Take a course unit in professional and career development.

You could continue on to our MTCP.

Career opportunities

Our academic and professional courses lead to diverse employment opportunities across public and private sectors. More than half of the RTPI membership is based in the private sector. Our graduates are popular with diverse employers, particularly in environmental consultancy, where your ability to analyse and propose policies and implement strategies is vital and a wide variety of management and communication skills is appreciated. After London, Manchester hosts the largest number of planning and environmental consultancies in the UK

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



One of the many things that helped me in my career was the use of outside lecturers and professionals in the environment and planning sector to provide an insight into the real world.

Chris Mars

BA Environmental Management



Tina is a professor of Midwifery. She was made a dame in 2012 for services to midwifery, and particularly for her commitment to raising the profile of midwifery and women's health through education and research in the UK and Africa.

Manchester made me... improve midwifery training

A lot of people think Midwifery's all about the babies and that's obviously a really important element of it, but it's bigger than that. Midwifery is about getting women in the optimum health to have a baby in the first place. It's about supporting them through the whole childbirth experience and with their babies afterwards.

I got involved in working in Africa 15 years ago. We've got a very strong network of midwives there now and we've worked to improve the training, education and practice of midwives. Things are undoubtedly improving in many parts of Africa and it's really good to be a part of that.

The beauty of working internationally is that it's a two-way process, so we can bring back our experiences and knowledge to Manchester. That means our students are not learning from textbooks, they are learning from people who have been there and know the stories of the individual midwives and the women having babies.

Global health and research is a key part of our work and we have so many experts at Manchester who can really bring the curriculum alive.

We've got a lot of experts with international reputations. The trusts that are associated with us are very strong so students get a good academic and clinical experience. Manchester has a very mixed demography, which means that students support women and their families from lots of different social and ethnic backgrounds – and those different backgrounds bring with them different challenges. So students get a good rounded experience of all those challenges and how to overcome them in support of those women and their families.

My own area of research is the management of prolonged labour. I like it when I get to go out and talk to women; it keeps your feet firmly on the ground.





Politics and International Relations

TYPICAL OFFER

A-level: AAB-ABB IB: 35-34

For entry requirements to specific courses, see our course index at the back of this prospectus.

Business Studies and Politics BA (Econ) 3yrs

UCAS Code NL12

Development Studies and Politics BA (Econ) 3yrs

UCAS Code LL92

Economics and Politics BA (Econ) 3yrs

UCAS Code LL12

Philosophy and Politics BA (SocSci) 3yrs

UCAS Code VL52

Politics BA (Econ) 3yrs UCAS Code L244

Politics and Criminology BA (SocSci) 3yrs

UCAS Code LM29

Politics and International Relations BSoSc 3yrs

UCAS Code L200

Politics and Social Anthropology BA (SocSci)

UCAS Code LL26

Politics and Sociology BA (SocSci) 3yrs

UCAS Code LL23

Politics, Philosophy and Economics BA 3yrs

UCAS Code LV25

See also Economic and Social Studies, History, Law, Politics, Philosophy and Economics, Social Sciences.

WHY MANCHESTER?

- Long-standing reputation for teaching and research in politics for more than 50 years
- International reputation for research excellence
- Extensive and diverse choice of relevant subject areas

Find out more

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

t +44 (0)161 275 4470/2291/1473/4748

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. It covers comparative political systems and political behaviour, international politics, political theory and ideas. This structure extends across everything we do, from undergraduate teaching to top-level research.

Our internationally recognised experts work in all these areas. The largest UK unit of our 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.

What you study

Politics and International Relations

Specialise in politics within a global context on this single honours degree, designed for those who wish from the outset to specialise in the study of politics and international relations.

Year 1: Gain a grounding in the three sub-areas of comparative politics, political theory and international relations.

Year 2: Continue to study the three core sub-fields and start to explore your own areas of interest. Complete an independent project on a topic of your choosing and have the opportunity to take free choice course units, such as: Politics of Globalisation and Development; From Blitz to Big Society, Politics in Britain since 1940; Arguing about Politics and Chinese Politics Today.

Year 3: Choose from a range of our more specialised options, and undertake a final-year dissertation on a topic of your choosing. Course unit options currently on offer include: News Media and International Crisis; Political Morality and 'Dirty Hands'; The Politics of Hate; and War and the Politics of Ethics.

BA (Economic and Social Studies) in Politics

Study politics and international relations as part of this wideranging social science degree, in which you can take a broad variety of subjects, or specialise in a particular area. See Economic and Social Studies.

A B C D E F G H I J K L M N O P

Social Sciences

Study politics alongside a number of other social sciences subjects – criminology, philosophy, sociology and social anthropology – on this multidisciplinary degree. See Social Sciences.

Career opportunities

Our graduates have become journalists, human rights campaigners, financial consultants, teachers, lobbyists, parliamentary researchers, graduate trainees, publishers and project management co-ordinators.



Because of the great mentoring scheme on our course, I felt welcome from the day I started. And the University hosts loads of international students, which makes it a great place to study international relations. The fact that you can discuss issues such as the Greek economic crisis with someone who is from Greece and has first-hand experience gives political discussions another dimension.

Andreas Hansen

BSocSc Politics and International Relations



Politics, Philosophy and Economics

TYPICAL OFFER

A-level: AAB IB: 35

For entry requirements to specific courses, see our course index at the back of this prospectus.

Politics, Philosophy and Economics BA 3yrs

UCAS Code LV25

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"
- Access to the multidisciplinary expertise of more than 165 member of academic staff in our School of Social Sciences
- Student-run PPE society meets regularly for academic support and social activities

Find out more

www.manchester.ac.uk/ socialsciences

t +44 (0)161 275 4470/2291/1473/4748

Our Politics, Philosophy and Economics (PPE) degree at Manchester is a structured, balanced, flexible course, directly informed by current research, in which you study topics ranging from global money markets to the ethics of killing, and learn rigour in understanding and argument.

Study with us and enhance your capacity to assess competing ideas about political events, ideologies, and institutions, while developing the ability to evaluate economic policies, placing the study of economics in its broader institutional and political context. Get to grips with philosophically deep questions of metaphysics, ethics, and mind, and learn to appraise competing answers to them

What you study

In Years 1 and 2, you take an equal number of course units across the three disciplines. You may focus on just two disciplines in your final year, if you prefer.

Year 1: Discover all three subjects, gaining the intellectual skills and requisite knowledge to specialise and make informed decisions about your course choices in later years. Take core course units in micro- and macro-economics, quantitative methods, critical thinking and political theory, alongside further optional units from politics and philosophy.

Year 2: Develop your understanding of each of the disciplines, while enjoying greater flexibility to choose course units that reflect your own developing interests.

Year 3: Investigate questions that call for intellectual skills and knowledge from each of the three disciplines, in Topics in PPE. Complete a dissertation on a topic of your choice, supervised by a specialist in that area, and

consider the option of specialising in two of the three disciplines.

Career opportunities

The intellectual and analytical skills that you will acquire with us will equip you for a wide range of careers. You will be well placed to pursue a career 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.



PPE at The University of Manchester creates open-minded students who pursue knowledge and approach subjects from different angles, enabling them to see the world in a new way. No wonder it's one of the most well respected courses at the university!

Ceri Wills

BA Politics, Philosophy and Economics

77

A B C D E F G H I J K L M N O P



Psychology

TYPICAL OFFER

A-level: AAB IB: 35

For entry requirements to specific courses, see our course index at the back of this prospectus.

Psychology BSc 3yrs

UCAS Code C800

The above course has a four-year variant, where you spend Year 3 away from the University on the 'Study Abroad' pathway. See below for details.

See also Cognitive Neuroscience and Psychology (under Life Sciences).

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
- Outstanding facilities to support both teaching and research, including networked PC clusters and research laboratories, University-wide IT facilities, modern lecture theatres, seminar rooms and research cubicles
- Dynamic staff at the forefront of psychology research with excellent links to clinical psychology
- Opportunity to study abroad for one year

Find out more

www.manchester.ac.uk/ psych-sci ug-psychology@manchester.ac.uk t +44 (0)161 275 8584

Study Psychology with us and join one of the longest-established psychology departments in the UK. The discipline of psychology itself has its roots in Manchester, and we appointed 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 know you will get the most up-to-the-minute thinking and ideas in this exciting and challenging subject.

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. The course makes considerable demands on our students, both in time and effort

We welcome applications from international students, and regularly take at least ten international students onto the first year of our degree. To find out about entry requirements for your country, see:

www.manchester.ac.uk/internat ional/country

What you study

Gain a comprehensive foundation in the essential topics of psychology, with the ability to tailor your studies to your own interests in your final year.

We divide our degree into two parts:

- Part 1 (Years 1 and 2): Study 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.
- 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 you in the skills required to carry out psychological investigations, through practical classes, instruction in computing and statistics and especially through the research project, which forms a major part of Year 3.

You could also take our Manchester Leadership Programme in Year 2 or 3: www.manchester.ac.uk/mlp

How you are taught

You study a number of compulsory course units in Years 1 and 2. Each unit involves a series of weekly lectures, supported by small-group teaching in seminars or laboratory classes. You also work in student groups to carry out small-scale research projects and to work through your 'personal study' unit.

You are assigned an academic advisor every year, who will arrange regular meetings with you to discuss your work, and who is available to advise on personal problems or difficulties. They will meet you at least once every semester to help you to build a personal and academic portfolio. This can be very helpful in developing general learning skills and in reviewing and evaluating transferable skills that will be important in future careers.

In Year 3, you undertake a research project under the supervision of a member of staff, who also acts as your academic advisor for that year.

Study abroad

Take this four-year course variant and spend Year 3 studying abroad. You may be considered for this scheme at the end of Year 2.

You would need to achieve the appropriate progression criteria for this route and would be transferred to the 'BSc Psychology with International Study'.

www.manchester.ac.uk/ug/cour ses/studyabroad

Career opportunities

Psychology graduates are very employable. A Higher Education Careers Services Unit survey in 2010 revealed that Psychology graduates enjoy amongst the highest levels of graduate employment, compared with other disciplines.

Our Psychology degree can provide you with a good range of academic and transferable skills that are attractive to employers across a range of employment sectors, including presentation skills, managing projects, groupworking, data analysis skills, analytical thinking, and research skills. Graduates from our course currently hold positions in areas as diverse as PR, marketing, media, accountancy, teaching, and social work.

Our degree is accredited by the British Psychological Society as conferring eligibility for Graduate Basis for Registration (if you achieve a Second class Honours), allowing you 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 onto research careers.



With a broad range of course units, there's definitely something for everyone. The students and staff have been so friendly and created a huge support system, so I never felt on my own."

Catherine IredaleBSc Psychology

77

A B C D E F G H I J K L M N O P R

STUDY ABROAD opportunities

Religions and Theology

TYPICAL OFFER

A-level: AAB-BBB (AAB for V610) IB: 36-31

For entry requirements to specific courses, see our course index at the back of this prospectus.

Comparative Religions and Social Anthropology BA 3yrs UCAS Code VL66

Study of Religions and Theology BA 3yrs

UCAS Code V600

Theological Studies in Philosophy and Ethics BA 3yrs UCAS Code V610

WHY MANCHESTER?

- UK's highest international reputation for research in religion and theology, which informs all our courses
- Impressive range and variety of subject areas to choose from, including many interdisciplinary options
- Fabulous library collection of books, manuscripts and archives in religion and theology

Find out more...

www.manchester.ac.uk/religion ug-relth@manchester.ac.uk t +44 (0)161 306 1252

We are a leading UK department for the study of Religions and Theology in a comparative context; our major competitors are overwhelmingly concerned with either Christian Studies or Jewish Studies alone.

For three consecutive Research Assessment Exercises (RAEs), 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. In the 2008 RAE, Manchester had the fourth largest submission in the UK, and was placed sixth nationally for overall quality.

From our wide and varied choice of course units you can study ancient Hebrew, Greek, or Sanskrit; 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; and familiarise yourself with a wide range of religious histories and social theories.

What you study

Comparative Religion and Social Anthropology

Discover interesting areas where these two quite different disciplines fruitfully 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

Focus on the facts and challenges of diversity and pluralism in many different religions on our most flexible course, while also taking seriously the profound questions of ancient, medieval, modern and postmodern debates on theological matters in all those religions.

Concentrate on a specific religious tradition, or study a variety (eg Islam, Judaism, Christian theology, Hindu and Buddhist world views). Consider a wide range of methodological approaches, including textual, theological, historical, philosophical, and sociological.

We are interested in the widest interpretation of religion at a time when the world is taking religious difference very seriously.

Theological Studies in Philosophy and Ethics

Focus on religious philosophy, especially as it impacts on theology and ethics. Study contemporary continental philosophy and Christian theology, with the opportunity to consider their relation to Indian, Jewish and Islamic philosophies and ethics. Our course maps very neatly on to the kind of topics that you might first have met in your Religious Studies A-level, which often emphasises philosophy and ethics – and takes these interests further.

Discover just how interrelated theology, philosophy and ethics are on this highly interdisciplinary course. While other institutions offer a very popular ethics supplement to theology and philosophy, unique to Manchester is the way ethics is related more generally to social ethics and politics, as well as to religious thought.

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

Knowledge and understanding of different cultural and religious beliefs are recognised by many employers as a valuable asset. You will also develop skills that are valuable for many occupations, including: teaching in schools and colleges; broadcasting and print journalism; publishing, legal, personnel and public sector professions; Civil Service employment; work within religious organisations, NGOs, and many others.



The department offers specialist teaching with staff expertise in a variety of religious traditions. All academic staff are easily approachable and their passion for their discipline is shown in their interaction with students.

Nadir Mohammad BA Religions and Theology

77

A B C D E F G H I J K L M N O P R



Russian

TYPICAL OFFER

A-level: AAB-BBB IB: 35-31

For entry requirements to specific courses, see our course index at the back of this prospectus.

English Language and Russian BA 4yrs

UCAS Code QR37

English Literature and a Modern Language (Russian) BA 4yrs

UCAS Code RQ73

History and Russian BA 4yrs UCAS Code RV71

History of Art and a Modern Language (Russian) BA 4yrs UCAS Code RV73

Linguistics and Russian BA 4yrs

UCAS Code QR17

Modern Language and Business and Management (Russian) BA 4yrs

UCAS Code NR17

Russian and Screen Studies BA 4yrs

UCAS Code RW76

Russian Studies BA 4yrs

UCAS Code R700

It is possible to study Russian from beginner or post A-level, with Arabic, Chinese, French, German, Hebrew, Italian, Japanese, Portuguese, or Spanish.

See also European Studies, Linguistics and English Language, Modern Languages.

WHY MANCHESTER?

- Distinguished history of teaching Russian language and culture since 1919
- Highest-rated UK department for research in Russian and East European Studies (RAE 2008)
- High standards of teaching from established experts in the field, enthusiastic specialists and dedicated language instructors with extensive teaching experience
- Excellent holdings at our University Library, with broad collections in Russian and East European Studies
- Impressive resources for both teaching and independent study in our University Language Centre
- Wide range of extracurricular activities, including a vibrant Russian Student Society and an active peer-support scheme

Find out more...

www.manchester.ac.uk/alc ug.languages@manchester.ac.uk t +44 (0)161 275 3211 A small discipline area within a large institution, Russian and East European Studies offers you the best of both worlds: small class size, individual attention from course tutors and a supportive, close-knit student community, combined with the intellectual, cultural and social diversity of a large university in a vibrant, cosmopolitan city.

Alongside core Russian language course units, we offer you a wide range of specialised units in topics such as cinema, history, literature and culture, politics and society, business Russian, Polish language, and the history and culture of Eastern and South-Eastern Europe.

What you study

In all courses below, you have around 15 hours per week of scheduled learning activities, such as lectures, seminars, language work, coursework 'surgeries' and revision sessions.

You also spend Year 3 in Russia or, exceptionally, another Russian-speaking country.

In all Joint Honours courses, you study both subjects equally in Year 1; in later years you can maintain this balance, or devote more weight to one subject.



Russian Studies

Gain a comprehensive grounding in Russian language, culture and society. Core language course units include grammar, translation, comprehension and oral work with native speakers. Other units cover a wide range of subjects, including Russian cinema, society, literature, history, politics and thought. Every year, you have the option of taking one or two course units in a subject outside Russian and East European Studies.

English Language and Russian

Study the structure, history and varieties of English, alongside general linguistics and sociolinguistics, with core language units in Russian complemented by study in Russian cinema, society, literature, history, politics and thought. See Linguistics and English Language.

English Literature and a Modern Language (Russian)

Study core Russian language course units alongside a wide range of other subjects, including areas of English language, cultural theory and literature, and of Russian cinema, society, literature, history, politics and thought. See English Literature and American Studies.

History and Russian

Study core Russian language course units alongside diverse subjects, including aspects of cultural, political, social, economic, and military history, from ancient times to the 20th century; and Russian cinema, society, literature, history, politics and thought. See History.

History of Art and a Modern Language (Russian)

Study core Russian language course units alongside varied topics covering aspects of European and North American art and art-related thought, from Ancient Greece to the present; and Russian cinema, society, literature, history, politics and thought. See Art History and Visual Studies, and Modern Languages.

Modern Language and Business and Management (Russian)

Study core language course units in Russian alongside aspects of Russian cinema, society, literature, history, politics and thought, plus aspects of management, economics, finance, accounting, and international issues in business. Take a specialised Business Russian course unit in your final year. See Business Studies and Management, and Modern Languages.

Russian and Screen Studies

Combine the study of Russian language, culture, history and society with the study of core course units in understanding film, its history and pre-history, and its development across other media (eg television, DVD, internet distribution).



The lecturers are very nice and supportive and make sure they stay at the students' pace, giving us ample opportunity to ask if we're stuck. Our course covers work not only in written Russian and its grammar, but also regular oral practice and a course unit on various aspects of Russian culture. It is a fantastic course and I would recommend it to anyone with a taste for languages.

Joseph GoldingBA Russian and German

__



A B C D E F G H I J K L M N O P R S

STUDY ABROAD opportunities

Social Anthropology

TYPICAL OFFER

A-level: ABB-BBB IB: 34-31

For entry requirements to specific courses, see our course index at the back of this prospectus.

Archaeology and Anthropology BA 3yrs UCAS Code VL46

Politics and Social Anthropology BA (Social Sciences)

UCAS Code LL26

Social Anthropology BA (SocSci) 3/4yrs UCAS Code L600

Social Anthropology and Criminology BA (Social Sciences) 3yrs

UCAS Code LM69

Social Anthropology and Philosophy BA (Social Sciences)

UCAS Code LV65

Social Anthropology and Sociology BA (Social Sciences)

UCAS Code LL63

See also Economic and Social Studies, Social Sciences, Linguistics and English Language, Religions and Theology.

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.

Find out more...

www.manchester.ac.uk /socialsciences uganthropology@manchester.ac.uk t +44 (0)161 275 4470/2291/1473/4748

Social anthropology is the study of social and cultural relations around the world. Manchester Social Anthropology was founded in 1949 from a small group of anthropologists who developed the world-famous 'Manchester School,' a tradition that specialised in looking at conflict, law, politics, performance and rituals, cities, and networks.

Today, we continue that tradition and have developed further international recognition for: visual and media anthropology; political and economic anthropology, especially in Latin America, the Balkans and the Pacific; and the anthropology of new technologies, including the internet, new reproductive and genetic technologies and engineering. We also have specialisms in the study of borders, place and space, and the study of kinship, class and caste.

Studying social anthropology enables you to: understand how social and cultural diversity works; gain techniques for thinking laterally about almost anything, since knowing how others see the world gives you different angles from which to understand the social world in which you live; and develop your debating and negotiating skills, as you learn how to handle diverse perspectives and ways of knowing.

In short, studying social anthropology changes the way you think.

What you study

Social Anthropology

Learn how to study social and cultural diversity in our specialist Single Honours degree, studying particular peoples and areas of the world, as well as learning how to analyse and think through social and cultural material. Course units draw upon both our history and our current academic staff's research.

Year 1: Gain a solid grounding in social anthropology, with access to the history of the subject, different theoretical approaches and studies of different topics and regions around the world. Study introductory topics such as: social anthropology, power and culture, conflict and inequality in everyday life; regional studies of culture; and cultural diversity in a global perspective.

Year 2: Focus on core themes in social anthropology, and discover in more detail some distinctive aspects of social anthropology at Manchester, such as: sex, gender and kinship; anthropology of



religion; political and economic anthropology; ethnographer's craft; materiality, sensoriality and visuality. Study current anthropology at Manchester, in which five members of staff take you through their own anthropological research in detail, to allow you to understand the process of doing anthropology.

Year 3: Take our core theory course unit, Arguing with Anthropology. Select other course units to suit your interests more closely – and to write a dissertation based on your research interests.

Choose from a wide choice of specialist units, which are based on staff research interests. Recent units include medical anthropology, anthropology of museums, anthropology of globalisation and development, anthropology of the city, and migration. In recent years, we have offered advanced-level options in the sub-Saharan Africa, the Pacific, and the Middle East.

Social Anthropology with International Study pathway

Curious about the diverse ways in which human beings live in the world today? Interested, among other things, in cultural difference and similarity, in the social and economic relationships between and within different parts of the world, and in the varied ways in which people make families, communities and societies? What better way, then, to expand the understanding of cultural diversity that you gain in studying social anthropology by also spending a year overseas?

Study social anthropology in one of our partner universities overseas in Year 3, returning to Manchester in Year 4 to complete your degree. You will gain practical cross-cultural experience of another student culture, as well as acquiring knowledge, through experience and participation, of the society in which it is embedded.

Combined degrees

Social Sciences

Study social anthropology as part of this wide-ranging social science degree, which enables you to take a broad variety of subjects, or to specialise in a particular area, including social anthropology. See Economic and Social Sciences.

Archaeology and Anthropology

Gain comprehensive knowledge of the diversity of cultural, social and material aspects of human existence in prehistoric, historical and contemporary contexts. Benefit from both regional and global scope, focusing on particular peoples and areas, while considering much wider issues, including past and current processes of globalisation. See Archaeology.

Career opportunities

You will be fully prepared to move on to postgraduate studies, or to apply the skills you have learned in many 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, HR, market research, industrial relations, advertising, law, accountancy and teaching.



I knew Manchester was the right choice for me from the very first lecture. What I loved about the Anthropology department was that they made a real effort to get to know their students and what they were interested in. This made for engaging and entertaining lectures where people were eager to be involved, and the staff knew students by name. Lalso loved that the staff were happy to share their current research with students.

Elizabeth Hardy

BA Social Anthropology



A B C D E F G H I J K L M N O P R <mark>S</mark>

STUDY ABROAD opportunities

Social Sciences

TYPICAL OFFER

A-level: ABB IB: 34

For entry requirements to specific courses, see our course index at the back of this prospectus.

Philosophy and Criminology BA (SocSci) 3 yrs

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) 3 yrs

UCAS Code LV65

Social Anthropology and Sociology BA (SocSci) 3yrs

UCAS code LL63

Sociology and Criminology BA (SocSci) 3 yrs

UCAS Code LM39

Sociology and Philosophy BA (SocSci) 3 yrs

UCAS Code LV35

WHY MANCHESTER?

- Dynamic, multidisciplinary social sciences degree
- Unique offering of course units with incredible choice
- Access to cutting-edge research recognised at an international level

Find out more...

www.manchester.ac.uk/ socialsciences socialsciences@manchester.ac.uk t +44 (0)161 275 4470/2291/1473/4748 Our BA Social Sciences at Manchester gives you maximum flexibility and choice.

Not all students know which areas they want to focus on at the start of their degree. We have therefore structured this course so that you do not have to decide when you apply which subject you will study in most depth; you can take the crucial decisions as you progress through your three years.

On entry, you must select one of the ten joint pathways listed above and use the associated course code. However, this does not restrict your eventual choice of area.

For example, on any of the joint pathways you could specialise in a single subject in Year 2, subsequently graduating with an exit award in that one subject, if you wish.

You have a wide range of course units to choose from in every subject, and a high degree of flexibility in the way in which you combine them as your academic interests develop.

197



Specialist areas

You can specialise in Criminology, Politics, Philosophy, Social Anthropology, or Sociology. You are also eligible to take selected course units in Economics and Social Statistics.

More information about these subject areas can be found in the relevant pages of this prospectus.

What you study

Year 1: Follow a broad programme of study that includes three areas from the following: philosophy, politics, sociology, criminology and social anthropology. Enjoy a wideranging introduction to the social sciences and to some of the basic transferable skills you will need as a student (and in later life). Also take a course unit in social research methods.

This year will enable you to make an informed choice of the subject areas you will study in later years.

Year 2: Either take most of your course units in a single area, or choose to work within two or three areas.

Final year: Specialise in one area, or combine two areas of study. In total, more than 260 course units are available, giving you remarkable choice and the opportunity to put together a programme of study that suits your particular interests.

Career opportunities

You will have a wide variety of career opportunities in both the private and the public sectors, thanks to the number of pathways through this degree.



I chose to study the BA (SocSci) course because of how diverse it is. It is extremely flexible and you have so many options to study different course units. It's also a great way to meet so many people that are on other disciplines.

Zainab Ahmed BA (SocSci)



A B C D E F G H I J K L M N O P R <mark>S</mark>

STUDY ABROAD opportunities

Sociology

TYPICAL OFFER

A-level: AAB-BBB IB: 35-32

For entry requirements to specific courses, see our course index at the back of this prospectus.

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

Social Anthropology and Sociology BA (SocSci) 3yrs

Sociology (SocSc) 3yrs

Sociology and Criminology BA (SocSci) 3yrs

UCAS Code LM39

UCAS Code LL63

UCAS Code I 300

Sociology and Philosophy BA (SocSci) 3 yrs

UCAS Code LV35

See also Economic and Social Studies, History, Linguistics and English Language, Social Sciences.

WHY MANCHESTER?

- One of the UK's leading Sociology departments with a very strong international reputation, particularly in relation to issues of social stratification and inequalities, personal life and everyday lives, social networks and social movements, and culture, consumption and sustainability
- Staff expertise in a range of approaches to social analysis, quantitative and qualitative research methods, and historical and comparative approaches
- Courses informed by cuttingedge research, theories and studies

Find out more...

www.manchester.ac.uk/socialsci ences/sociology socialsciences@manchester.ac.uk Twitter: @MCRSociology t +44 (0)161 275 4470/2291/1473/4748 Sociology looks at how society works. It is the study of social life, social change and the social causes and consequences of human behaviour. If you have ever questioned why social life works the way it does, or wondered whether things could be organised differently, then sociology is the subject for you.

With social changes affecting us all (globally, nationally, locally and individually), there could not be a more exciting or relevant time to study sociology – and there is no better or more vibrant place to study sociology than Manchester.

Our courses introduce you to the principles and frameworks of sociology and enable you to develop skills in social analysis.

What you study

Take core course units about thinking and researching sociologically, and practical course units on research methods. 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; and globalisation and social change.



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.

Develop the skills to analyse contemporary social life, and to comprehend social processes, problems and developments, as well as various transferable skills demanded in today's job market.

Whether you aim to enter employment directly after University or, like many students, want to undertake further study at MSc or PhD level, our courses will meet your needs. Our BSocSc Sociology course places special emphasis on developing your employment opportunities, and we work intensively with careers advisors to prepare our students for the best start in the world of work.

Sociology

Specialise immediately in Sociology in our Single Honours degree, while enjoying some freedom to take optional course units from other disciplines in Year 1 and throughout your degree.

Year 1: Focus on core sociological frameworks and gain a basic introduction to social research. Consider optional course units on media sociology, globalisation, personal life, work and organisations. We offer something new to those who have completed sociology A-level, while also providing a basic foundation in the subject for those who have not.

Year 2: Gain further training in research methods in preparation for a dissertation and for undertaking independent social research. Choose from a range of optional course units.

Year 3: Discover both theoretical innovations and new empirical studies, frequently based on the cutting edge of research, in such fields as ethnic relations, religion, intimate relations, the body, counter-culture and technology. Write a dissertation based upon your own original research project.

Social Sciences

Study sociology alongside a number of other social sciences subjects – criminology, philosophy, politics and social anthropology – in this multidisciplinary degree. See Economic and Social Studies.

Career opportunities

Sociology does not restrict you to a particular occupation. It is an ideal degree to distinguish yourself as a skilled analyst and creative thinker in today's competitive labour market.

Employers in many sectors are currently looking to take on graduates who are equipped for 'people work' and who understand how individuals, groups, organisation and institutions operate, giving sociology an edge in the job market. The transferable skills you will gain in social research are a genuine asset in an economy increasingly focused upon the processing of complex 'information'.

You could enter a wide range of occupations, allowing you to keep your options open. Our graduates have taken up diverse occupations in teaching, the police service, social and advisory work, law, research, policy development and implementation, media and journalism, retail and trainee management.



I have had so many amazing experiences. The lectures are amazing and opportunities with it are even better.

The lecturing staff are all so friendly, helpful and welcoming. I really can't fault it."

Penny Harvey BSocSc Sociology



A B C D E F G H I J K L M N O P R S

Spanish, Portuguese and Latin American Studies

STUDY ABROAD opportunities

TYPICAL OFFER

A-level: AAB-ABB IB: 36-33

For entry requirements to specific courses, see our course index at the back of this prospectus.

English Language and Portuguese BA 4yrs

UCAS Code RO53

English Language and Spanish BA 4yrs

UCAS Code QR34

English Literature and a Modern Language (Portuguese) BA 4yrs

UCAS Code OR35

English Literature and a Modern Language (Spanish) BA 4yrs

UCAS Code RQ43

History and Portuguese BA 4yrs UCAS Code RV51

History and Spanish BA 4yrs UCAS Code VR14

History of Art and a Modern Language (Portuguese) BA 4yrs UCAS Code RV53

History of Art and a Modern Language (Spanish) BA 4yrs UCAS Code RV43

Latin American Studies and Screen Studies BA 4yrs

UCAS Code TW76

Linguistics and Portuguese **BA 4yrs**

UCAS Code OR15

Linguistics and Spanish BA 4yrs UCAS Code OR14

See Linguistics and English Language.

Modern Language and **Business and Management** (Portuguese) BA 4yrs

UCAS Code NR15

Modern Language and **Business and Management** (Spanish) BA 4yrs

UCAS Code NR14

Portuguese and Screen Studies BA 4yrs

UCAS Code RW56

Spanish, Portuguese and Latin American Studies BA 4yrs UCAS Code RR45

Spanish and Screen Studies BA 4yrs

UCAS Code RW46

You may also study Spanish with European Studies, Life Sciences, Latin and Mathematics. Both Spanish and Portuguese can be studied with another modern language (including Arabic, Chinese, French, German, Hebrew, Italian, Japanese, and Russian) - see Modern Languages.

WHY MANCHESTER?

- Prestigious centre for research and teaching on the Lusophone and Spanish-speaking worlds
- Impressive range of subjects, including aspects of the culture, literature, cinema, history and linguistics of Spain, Latin America, the Hispanic Caribbean and the Latino and Chicano population of the USA
- Internationally recognised interdisciplinary Centre for Latin American Cultural Studies, which hosts events for the academic community and beyond

- Manchester-based branch of the Instituto Cervantes, which hosts weekly cultural events and is one of only three in the UK
- Research in Spanish and Portuguese rated the best in the UK in the 2008 RAF

Find out more...

www.manchester.ac.uk/alc ug.languages@manchester.ac.uk t +44 (0)161 275 3211

Our large team of distinguished scholars and language tutors offer expertise in Spanish, Catalan, Portuguese and Latin American studies. You could study diverse course units such as: Brazilian/Portuguese studies; cultural and gender studies; film studies; history, literature and culture both in Spain and Latin America; linguistics; Catalan studies; and textual criticism.

Our Language Centre offers state of-the-art study facilities, while the student-run Spanish Society organises events where you can meet informally with native speakers of Spanish. We also offer a peer mentor scheme for all incoming Spanish students.

What you study

Spanish, Portuguese and **Latin American Studies**

Immerse yourself in Spanish language and Hispanic culture, with an introduction to Portuguese studies in Year 1, and a broad introduction to topics in culture and literature from the lusophone and Spanish-speaking worlds. You may continue Portuguese language and/or pickup Catalan in Year 2.



You have optional course units in areas such as history, literature, cinema, culture and linguistics. Free choice options are available in your first two years. Year 3 is spent either wholly in a Spanish-speaking country, or divided between that and a lusophone country.

Joint Honours degrees

In all of the following courses, you spend Year 3 in a Spanish or Portuguese-speaking country. In Year 1, you study both subjects equally; in later years, you can maintain this balance, or devote more weight to one subject.

English Literature and a Modern Language (Portuguese) or English Literature and a Modern Language (Spanish)

Choose course units in English literature from the Anglo-Saxon period to the present day, supplemented by cultural theory. Complement these with the study of Spanish or Portuguese language and culture, society, literature, linguistics, history, art and cinema.

English Language and Portuguese

English Language and Spanish

Learn about the structure, history and varieties of English, with options available in linguistics as well as English language. Study Spanish or Portuguese language, plus Spanish or Portuguese culture, society, literature, linguistics, history, art and cinema.

History and Portuguese or History and Spanish

Gain a comprehensive grounding in History and Portuguese or Spanish language and culture, with a wide range of options in history from ancient times to the 20th century, and Spanish or Portuguese culture, society, literature, linguistics and cinema.

History of Art and a Modern Language (Portuguese) or History of Art and a Modern Language (Spanish)

Study History of Art, from Ancient Greece to the present, from around the world, plus the Spanish or Portuguese language. Choose from a wide range of options in Spanish and Portuguese culture, society, literature, linguistics, history, art, thought and cinema.

Modern Language and Business and Management (Portuguese)

Modern Language and Business and Management (Spanish)

Prepare yourself for business in a globalised world by studying one of the world's most spoken languages and their associated cultures, alongside business in a European and global context, covering aspects of management, economics, finance, accounting and international issues in business. Additional course units cover aspects of the culture, society, literature, linguistics, history, art and cinema of your chosen language.

Spanish and Screen Studies

Latin American Studies and Screen Studies

Portuguese and Screen Studies

Study Spanish and Portuguese language, culture, society, literature, linguistics and history, alongside core course units in understanding film, its history and pre-history, and its development across other media (eg television, DVD, internet distribution).



Being part of the French and Spanish societies has encouraged me to take part in a number of events, including bar crawls, meals and theatre trips. These societies are a great way to make friends and do things you wouldn't ordinarily do.

Ellie Appelqvist

MML French and Spanish



A B C D E F G H I J K L M N O P Q R S T



Textiles

TYPICAL OFFER

A-level: AAB IB: 35-33

For entry requirements to specific courses, see our course index at the back of this prospectus.

Design Management for Fashion Retailing BSc 3yrs UCAS Code W290

Fashion and Textile Retailing BSc 3yrs

UCAS Code JN45

Management and Marketing of Fashion Textiles BSc 3yrs UCAS Code IN42

Textile Design and Design Management BSc 3yrs UCAS Code J4W2

Textile Science and Technology BSc 3yrs

UCAS Code 1149

All the above courses also have four-year variants, where you spend Year 3 away from the University, on either the 'Study Abroad' or 'with Industrial Experience' pathway.

WHY MANCHESTER?

- International reputation for teaching and research that attracts funding and sponsorship from industry and the retail sector
- Superb facilities, including wellequipped 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
- World's largest collection of textile books in our University library
- Excellent graduate employment record

Find out more...

www.manchester.ac.uk/materials ug-textiles@manchester.ac.uk t +44 (0)161 306 4149

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.

What you study

All our courses are underpinned by core units in textile science and technology.

Textile Science and Technology

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 equip you with the skills to create and implement the next generation of textiles innovations.

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, 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.

Textile Design and Design Management

Ideal if you want to develop innovative and exciting fabric ranges from a strong technical and commercial knowledge base.

Designers and design managers have crucial roles to play in providing the marketplace with the right designs at the right time and price. Awareness of technical, commercial, marketing and fashion aspects of the industry is essential.

Develop the multidisciplinary skills that are necessary in today's competitive marketplace. Learn to develop your creative ideas successfully into designs for knitted, woven and printed fabrics, and to take these through into actual fabrics using our unparalleled range of equipment – from hand-sampling looms and knitting machines, to state-of-theart, computer controlled power machinery.

Develop your creativity and management skills alongside an understanding of textile materials and processes, via an integrated series of practical studio-based design projects, laboratory classes, lectures, tutorials and seminars.

In your final year, options allow you to tailor the course to your specific interests, whether in textile technology, or management and enterprise.

Management and Marketing of Fashion Textiles

Ideal if you have a keen interest in business and management, allowing the study of management in the context of a global industry. The global fashion textiles industry is dynamic and diverse; we offer you a chance to study the relevant subjects to equip you for a career in this exciting industry.

The broad range of subjects we offer you makes this course ideal for a variety of careers in fashion textiles and beyond. The fashion and textiles industry incorporates a diverse range of products and processes, from fashion apparel and household textiles, as well as highly technical textile products such as performance sportswear, through to industrial products like bulletproof vests and specialist fibres, yarns and fabrics.

This is a business degree course with three specialist subject areas: marketing, management and textile technology/science, all applied in the context of fashion textiles. Study your two specialist subjects of management and marketing throughout your degree. Start with an introductory/foundation year in fashion textiles marketing and management theory, building on this in Year 2 with a focus on practically applying the subjects to the fashion textiles industry, and ultimately building on this solid foundation in your final year with further specialist management and marketing units.

Fashion and Textile Retailing

Ideal if you seek a fashion retail career, with a focus on clothing technology and business management. You study retail/design, management and technology, with the choice of two specific themes based on business management and clothing. The business option incorporates marketing and business course units, including logistics and business communication. The clothing option equips you with product knowledge to work and effectively communicate with international fabric and garment manufacturers in the fashion supply chain.

Develop the full range of academic, creative and management skills required: from consumer behaviour, to textile testing, and from product performance, to fashion management. Become fully conversant with this exciting industry through studying developments in retailing, the mechanics of fashion and product planning, as well as learning about the processes and materials involved in textile production. This enables you to fully understand the products you retail, and be equally comfortable talking to technical managers about performance requirements as you are analysing consumer behaviour.

A B C D E F G H I J K L M N O P Q R S T



Design Management for Fashion Retailing

Ideal if you seek a fashion retail career with a focus on design technology – digital media design and design communication. As retail design managers find themselves facing more diverse roles, our degree meets these changing needs in what is currently one of the most rapidly evolving and major growth areas of business. You will gain a detailed and broad understanding of the fashion retailing sector with design management techniques.

Indulge your creativity and develop expertise in computer-aided design and multimedia design, alongside a sound knowledge of retailing, consumer behaviour, fashion management and design communication, in this multidisciplinary degree. Develop a technical language in textile and fashion product development, allowing you to gain subject knowledge in manufacturing processes critical in the understanding of the fashion supply chain.

Become a highly creative manager with multimedia skills, who has the technical and design competencies and the management and marketing knowledge demanded by today's fast-moving fashion retail industry.

Courses with Industrial Experience/Study Abroad

All our courses are available with Industrial Experience or Study Abroad. Years 1 and 2 are the same as the equivalent three-year course. You return to Manchester for Year 4 to study alongside those on the final year of the standard three-year courses.

If you wish to take either of these pathways, you need to achieve the appropriate progression criteria.

Industrial placements

Arrange your placement in Year 2, in liaison with our University's Careers Service and academic staff. Spend Year 3 in employment within one or more placement companies, where the work content comprises experience relevant to the course. Undertake a case study of your placement company in order to better appreciate the commercial environment and may coordinate a specific project.

Study Abroad placements

Spend Year 3 abroad studying in an English-speaking university overseas. Take course units chosen from textiles, technology, design and management subjects and a supervised research project.

Career opportunities

Enjoy a wide range of career opportunities as a Manchester Textile graduate. Our graduate placement record has been outstanding over many years, and continues to be so, with numerous companies actively recruiting our graduates. Many of our graduates have gone on to take up leading positions in industry, commerce and education throughout the world.

Our courses prepare you for a variety of careers. 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, 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.



I like the fact that there is both practical and academic work on the course, as it will become beneficial to me when I work in industry. I feel I benefit from learning about the science behind textiles; it comes in extremely useful when designing, as I understand everything about how textiles are made.

Alice Martin

BSc Textile Design and Design Management

77

SMALL PRINT Now you've had a look at all the

Now you've had a look at all the fantastic opportunities we've got to offer, you'll want to know more about what to do next, including all the essential details on:

- · Applications and admissions
- · Entry requirements
- University regulations for applicants
- Disability support
- English language support
- Equality and diversity policy, including widening participation

Please note...

This prospectus is prepared well in advance of the academic year to which it relates and we reserve the right to make changes to the content or methods of delivery of courses, to discontinue courses or to merge and combine courses.

At the time of going to press, the courses described are those that we are planning to offer and we will make all reasonable efforts to deliver courses in accordance with the descriptions set out in this prospectus.

In other words, please check online, or with the relevant academic School, for the most up-to-date information on any course listed in this prospectus, in case we've recently had to change any details.



Applications and admissions

The University of Manchester is open to talented students from all backgrounds and our aim is to remove barriers to participation in higher education.

Entry requirements

General requirements

We welcome applications from students achieving excellence in a wide range of UK and international qualifications. Our entry requirements are designed to ensure you are suitably prepared to follow your chosen course

Applicants for all courses must normally demonstrate a broad general education, including acceptable levels of literacy and numeracy, equivalent to at least grade C in GCSE English Language and Mathematics.

Indicative entry requirements for each course can be found in this prospectus under each subject area, and in the course index. Admissions decisions are made within individual academic Schools.

Entry requirements will vary from one course to another and for some courses compulsory subject requirements may also apply. You should therefore check the specific entry requirements for the course you are interested in. Full entry requirements can be found on our website at www.manchester.ac.uk or in the UCAS entry profiles at www.ucas.com.

If you have qualifications from outside the UK and EU and wish to check if they are acceptable for entry, please email our International Development Team at international@manchester.ac.uk.

The qualifications we accept are periodically subject to review, although we are committed to maintaining consistent entry requirements during an admissions cycle.

English language requirements

Our teaching, assessment and student support are delivered in English. You must therefore demonstrate your proficiency in the written and spoken use of the English language to the general standard required by the University, and in the specific entry requirements of the course you are applying for. If you are an international applicant, and you will need a Tier 4 visa to study with us, we must also make sure that you meet the UK Border Agency's English language requirements.

The minimum acceptable level of proficiency for admission to most courses is GCSE English Language (grade C or above) or an International English Language Testing (IELTS) average score of 6.0 with a minimum score of 5.5 in each component. For more linguistically demanding courses (such as Law, Management and Medicine), requirements are higher.

If you are an international applicant intending to submit a secure English language test as evidence of your English language proficiency, please be aware that certain English tests (including IELTS, iBT TOEFL and PTE) must be taken within the two years prior to the start of your course at Manchester.

In addition to GCSE English language and IELTS, we accept a number of different English language qualifications. For further advice on the acceptability of your qualifications, email our International Development Team at international@manchester.ac.uk.

Further details of the English Language support available is given on p212.

Returning to education

We encourage applications from anyone wishing to begin a degree course after a break from formal study, but recognise that standard selection measures and procedures may not enable you to fully demonstrate your suitability.

Admissions officers will seek and consider alternative evidence in order to give you equivalent consideration. Should they deem this alternative evidence to be acceptable, standard academic entry requirements may be altered.

It is, however, very useful to start a degree course with relevant study skills and knowledge, and many subject areas will require evidence that you have recently engaged in formal study.

Foundation year courses

Foundation year courses enable students with ability, but without appropriate qualifications, to progress onto degree courses at the University via an initial preparatory year of study. See www.manchester.ac.uk/ug/courses/foundationye ar for full details

The application process

Applications must be made via UCAS. For full details see www.ucas.com

For places on courses starting the following September (except Medicine and Dentistry), applications should be submitted to UCAS between:

- 1 September and 15 January for home students
- 1 September and 30 June for overseas students

Applications for places on Medicine and Dentistry courses must be submitted between 1 September and 15 October.

Our UCAS code M20 MANU

If you submit your application before the relevant closing date, it will be considered equally against the stated entry requirements and in the context of the number of available places. We consider late applications only for courses where places are still available.

Our admissions cycle opens on the first Monday of October, at which point you will receive an automated acknowledgement of the receipt of your application from us.

Assessing your application

When we receive your application, it will be considered against the course entry requirements and selection criteria. Information on the selection procedures for each of our courses can be found at www.manchester.ac.uk/ug/courses and in the entry profiles on the UCAS website at www.ucas.com.

All applicants for a course are assessed against the same entry criteria. Where places are limited they are offered to those eligible applicants who best meet our selection criteria, and who our admissions staff judge to have most potential to benefit from their chosen course and to contribute both to the academic School and the University. Regrettably, as many of our courses receive several applications for each available place, we cannot offer places to all applicants, even if you meet the academic entry requirements.

Methods of assessing applications vary between courses, but may include prior and predicted academic achievement; references; personal or supporting statements; interview and aptitude tests. We also consider any exceptional individual circumstances or personal barriers to learning that

you may have faced, which can also be flagged up by using 'contextual data', or where such information is made available through a referee, school, or college. Find out more about the use of contextual data online at www.manchester.ac.uk/contextualdata.

Our applicants come from diverse educational, professional and personal backgrounds. As such, we recognise that occasionally a course's standard procedure for assessing applications will not provide our admissions staff with an accurate understanding of an applicant's suitability. In such cases we may ask for alternative evidence to support an application or adjust our standard admissions requirements. The admissions staff from the academic School will contact you directly where additional information is required.

Where you have already satisfied academic entry requirements, it is likely that you will be made an unconditional offer. Where you are yet to take examinations, the offer will be conditional upon the achievement of a specified level of performance in your examinations.

You will be advised by the admitting academic School if you need satisfy any other requirements, such as passing a Criminal Records Bureau check or demonstrating medical fitness to practise.

Our student admissions policy gives more information on the key principles of our recruitment, admissions and widening participation activities. You can find it online at

www.manchester.ac.uk/ug/howtoapply/afteryouapply/assessment.

Offers and examination results

An offer of a place on a course with us will be subject to your meeting the academic and any other conditions set out in the formal offer from UCAS. If you receive an offer from us, it is essential that you are aware of your offer conditions and the current terms on which your offer is made. If you are in any doubt, you are advised to contact the academic department for confirmation before accepting the offer

After we have been notified of your exam results, and if you meet the terms of your offer, there is no need to contact us at that point. Successful applicants will receive confirmation from UCAS, and information about registration.

See p213 for more on our widening participation policy.

Regulations for applicants

Since the relationship between a university and a student is contractual, we have decided to set down this information for applicants, which we advise you to read before accepting a place. The information may seem rather daunting, but it is important to put it in context: the overwhelming majority of students complete their studies uneventfully and comply effortlessly with this regulatory framework.

When you accept a place with us, you agree to comply with the rules and regulations under which the University and its students must operate. The principles underpinning these are set out in the University's statutes, ordinances and regulations, full details of which are available at

www.manchester.ac.uk/governance.

Those which will be most directly relevant to you, as a registered student, are highlighted below, and described more fully in other University documents, which will be provided to you when you start with us.

Registration and payment of fees (Ordinance XVI)

Registration is your formal admission to the University, and includes tuition fees payment, or providing evidence of sponsorship/funding. You are not entitled to attend classes or use University facilities until you have registered. Fee payment methods will be outlined in the Crucial Guide, which is circulated to all new students before they register, and is available online at

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

Unless otherwise agreed, you shall cease to be a registered student if fee payments do not go through, and you cannot re-register in following years until all fees and any other sums due to the University are paid in full. We also reserve the right to terminate your registration if you are found to have omitted or falsified relevant facts or information in connection with your application.

Student fees increase with inflation. The University therefore also reserves the right to make such alterations to the fees as necessary.

For fees queries, contact our Student Services Centre, or visit www.manchester.ac.uk/studentfinance.

Attendance and absence (General Regulation XX)

Each course has specific compulsory requirements for the work and attendance of students that will be set down in your programme handbook, available to you at registration. If you do not meet these requirements, you will be given the opportunity to improve; if no improvement is made, you may not be permitted to take the examinations for your academic course. You may appeal against such decisions if you feel you have grounds.

Examinations and assessments (General Regulation XII)

Details of examination and assessment regulations will be in your Faculty or School handbook and programme handbook, including information on penalties for issues such as plagiarism, and requests for reviewing examiner decisions.

Conduct and discipline of students (General Regulation XVII)

You are expected to abide by University regulations relating to conduct – both academic and non academic. Misconduct or breaches of regulations that interfere with the proper functioning of University activities or the University community, or action that otherwise damages the University, may lead to disciplinary action.

Harassment

We take sexual, racial, or personal harassment very seriously. If a harassment complaint is substantiated, it may lead to disciplinary action. See 'Equality and diversity' on p211.

Complaints procedure (General Regulation XVIII)

To help ensure the standard and quality of our courses, services and facilities, students have access to a formal complaints procedure, which we expect you to follow where appropriate before attempting to resolve grievances by other means. We endeavour to deal promptly and efficiently with complaints, to investigate them thoroughly and objectively and to seek to resolve them satisfactorily.

Computer use

(Ordinance XIV and General Regulation XV)

University computing facilities are available for academic and related work only. Misuse, abuse or interference with any computing equipment, programme, data, documentation or other accessible materials is prohibited. Our regulations define the responsibilities of users of University facilities. Breach these and the University will take disciplinary action – and may also refer the matter to the police, if it constitutes an offence under civil or criminal law. We reserve the right to monitor use of email/Internet if there are reasonable grounds to suspect their misuse.

Copyright (Ordinance XIV)

No copyright-protected materials should be copied in any medium, or used in any way other than that provided for under the terms of the relevant law on copyright; in accordance with guidance issued by the University; under the terms of the copyright licences held by the University; by special permission granted by or on behalf of the owner of the copyright material. Infringement will be liable to disciplinary action and may result in prosecution.

Intellectual Property (IP) and Data Protection (Ordinance XIV)

University project work that a student is involved in may create an invention or other work in which there is IP, or result in the work being published in collaboration with others. You might also do work outside your studies using University resources. In most such cases, the University owns this IP, assuming responsibility for protecting it and, where appropriate, commercialising it. We acknowledge the position of students who have created IP and seek to ensure that they get appropriate recognition and reward. The University also retains the right to use and copy theses and other works created by students in various ways for its teaching and research work.

The University processes personal information about you, which will be used in administering all matters relating to your course and, as appropriate and relevant, relating to the provision of University facilities. Data is processed in accordance with the Data Protection Act 1998 and within the limits agreed with the University's Data Protection Officer. You have the right to check the information we hold and correct it if necessary.

Library (General Regulation XIV)

Library services and facilities available to students are set out in a series of user guides available in the Library. Admission to the Library, use of its materials and resources, fines and conduct within the Library are governed by University regulations. Failure to observe these regulations, or misconduct within the Library, may result in disciplinary action.

Equality and diversity

We seek to provide a positive learning environment that is free from discrimination, harassment or victimisation, where all students are treated with respect and dignity. We aim to create a friendly and welcoming environment for you, irrespective of your age, disability, ethnicity, gender, marital status, nationality, religion or belief (including lack of belief) or sexual orientation. We aim to ensure that:

- you have equal access to the full range of institutional facilities wherever possible;
- you are supported on equality and diversity issues through training, guidance, publications and awareness-raising events;
- we engage and consult on key issues that are important to you.

Please see our website www.manchester.ac.uk/equalityanddiversity for details, or contact us:

t +44 (0)161 306 5857 text +44 (0)794 360 0656 egualityanddiversity@manchester.ac.uk

Students with additional support needs

We recommend that all students with additional support needs contact our Disability Support Office (DSO).

We welcome applications from people with additional support needs arising from a long-term medical condition, disability, mental health difficulty, or specific learning difficulty, such as dyslexia, dyspraxia etc. All such applications will be considered on exactly the same academic grounds as other applications, but you must make your own decision as to the suitability of the University's provision.

We can provide a copy of the University's Single Equality Scheme and Action Plan, which sets out the policy and provision for students with a disability. We can also advise and help with applying for the Disabled Students' Allowance (DSA).

Specialist equipment

We have specialist software for disabled students and provision for other support for anyone who is registered with the DSO. We also have a bank of loan equipment, including digital recorders, chairs, computers etc. For details, contact the DSO.

www.manchester.ac.uk/dso Email: dso@manchester.ac.uk

+44 (0)161 275 7512

Additional information for disabled students is also available from the Students' Union Welfare Officer on +44 (0)161 275 2945.

Contact us in advance

If you have additional support needs, you are invited to contact the Admissions Officer of the school in which you are interested, or the DSO, to discuss what support is available. You are welcome to visit us before applying, to decide whether this university is right for you. We advise all disabled students to indicate their disability on their UCAS application, as this will make the DSO aware of you and we can then provide support as early as possible.

Additional support needs do not necessarily arise from a health issue, but if you need any particular medical treatment, you can find out about local availability by contacting our Occupational Health Service. More details are available on our Occupational Health website at

www.studentnet.manchester.ac.uk/occupational-health/.

Open days

Details of our open day details are available at www.manchester.ac.uk/undergraduate/opendays/. If you would prefer a private appointment, contact the DSO and a member of staff will be pleased to arrange a meeting with you.

Accommodation

Please inform the Accommodation Office if you need any specific facilities, eg wheelchair-adapted accommodation, flashing alarms, etc. Adaptations have been made to a number of rooms in halls of residence to meet the needs of students with impaired mobility. Provision has also been made to meet the needs of students with hearing or sight impairments, and there are extensive IT and other support facilities.

To find out more call +44 (0) 161 275 2881.

English language support

Our University Language Centre offers English language courses to help you before and during your degree.

The English for University Study and English for Personal and Professional Development programmes are available throughout the year offering extended periods of English language tuition to help you achieve your study goals.

We provide intensive pre-sessional academic English courses leading up to the start of the academic year, equipping you with skills to succeed here. Part-time insessional support services ensure that you continue to be fully supported if you need to develop further your English language skills during your academic studies.

We also offer advice and help for international students, and because we're a regional IELTS testing centre, you can prepare for and take your test at the University Language Centre.

Pre-registration courses

- English for University Study (Sept–Sept) general and academic English, IELTS Preparation
- English for Personal and Professional Development (Sept–Sept) – general and business English
- Summer pre-sessional courses (Apr–Sept twenty, ten, five and three weeks) – academic English

Post-registration courses

- Testing service with recommendations on results
- In-sessional support classes Academic Writing, Academic Listening, and Speaking, Pronunciation and Grammar
- Academic writing tutorials/clinics advice, feedback and tutorial support

For more information visit www.manchester.ac.uk/ulc

Widening participation

We are proud of the unparalleled diversity of our student body; more people from less-advantaged families and neighbourhoods come and study at Manchester than any other Russell Group university. We make sure that if you have the talent, your social, educational, financial or cultural background will not be a barrier to studying with us.

Pre-entry work

We proactively support able students from all sections of society to realise their full educational potential and this is called 'widening participation'. We deliver an innovative set of activities to support progression to higher education, beginning with support for primary, secondary and post-16 learners but also covering admissions and student support initiatives.

We have a strong commitment to working in partnership with our local school and college communities to advance educational opportunities. A large proportion of our work with primary and secondary pupils and their key influencers is concentrated in Greater Manchester. Examples include campus visits, mentoring programmes, higher education summer schools, taster courses and lectures in schools. This work fosters an increased awareness of higher education among learners who may have little experience of university study in their families and neighbourhoods.

We also identify students aged 16 or older who demonstrate outstanding achievement and potential for progression to Manchester. We run and attend a range of events on and off campus, deliver workshops, taster visits, and campus tours, and undertake presentations on course applications and choices

Finally, we offer our pioneering Manchester Access Programme (MAP). This provides an intense programme of support, admissions advice and financial support to a targeted group of outstanding post-16 learners in Greater Manchester who have the potential to enter Manchester or other research-intensive universities.

You can find out more about all of these initiatives at www.manchester.ac.uk/schoolsandcolleges.

Fair admissions

Because we want the most able students from all sections of society, we seek as much information as possible about you during the admissions process. We understand some of our applicants are from areas where few people go to university; others may not have been to schools and colleges that achieve the highest average results. In these cases we highlight your application for further consideration using what is called 'contextual data'. All aspects of our admissions processes are made clear for every applicant and can found at

www.manchester.ac.uk/ug/howtoapply.

Financial support

If you have the talent, we want to ensure finance is not a barrier to coming here and being successful. That's why we've proactively invested in one of the most generous financial support packages in the UK. And wherever possible, we allow you to choose how you receive this support – either as a cash bursary or as a discount on fees or university accommodation.

To find out more, you can read more about student finance on p50 and at

www.manchester.ac.uk/ug/studentfinance.

Above all we want to support you in making the right decision for you. If you have any questions about entry to the University, or our student support facilities, call us on +44 (0)161 275 2077. We would also encourage you to visit us on one of our open days (see the inside front cover for details) and see for yourself everything we have to offer you.





How to get here

All directions listed are to the Visitors Centre in University Place building 37 on the campus map (see p219).

By air

From Manchester Airport

Rail: To Piccadilly Train Station Taxi: Approximately £25

By bus

From Piccadilly Train Station: 147

From Piccadilly Bus Station: 14, 16, 41, 42, 43, 44,

48, 111, 140, 142, 157 and 250

By rail

Piccadilly Station: a two-minute walk from north campus and linked to the south campus by the 147 Oxford Road Link shuttle bus which runs every ten minutes, Monday to Friday, from Stop D, Fairfield Street.

From Victoria Train Station: catch a Metrolink tram or walk to Piccadilly Bus Station and catch one of above services.

Oxford Road Station: a 15-minute walk to both the north and south campuses.

By road

All approach routes are clearly signposted 'Universities'.

M62 (Eastbound), M602

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

Satnay

- North Campus Sackville Street M1 3BB
- South Campus Oxford Road M13 9PL

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

M62 (Westbound), M60

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

Our Visitors Centre is on the left-hand side in University Place, (building 37 on the campus map).

M6/M56

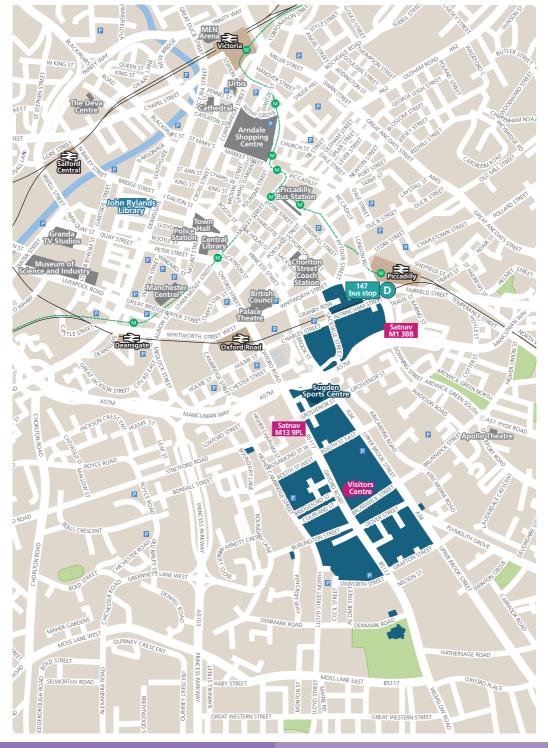
Leave the M6 at Junction 19 and turn right onto the A556. Follow signs for Manchester Airport and join the M56. Stay on M56 until it joins Princess Parkway (A5103).

Continue for a further four miles (7km) before turning right at the Royal Brewery into Moss Lane East (B5219). Continue to the T-junction and turn left onto Oxford Road (B5117). Proceed down Oxford Road past the hospitals and the Holy Name Church on the right-hand side. Our Visitors Centre is on the right-hand side in University Place (building 37 on the campus map).

From M67

At the end of the motorway join Hyde Road (A57). Continue along for approximately three miles (5km), following signs for the city centre.

Upon reaching a major roundabout (the Apollo Theatre is on the left) take the second exit, Brunswick Street (signposted 'Universities'). Continue along and go straight through the next set of traffic lights. Continue to the T-junction and turn right onto Oxford Road (B5117). Our Visitors Centre is on the right-hand side in University Place (building 37 on the campus map).



Campus map

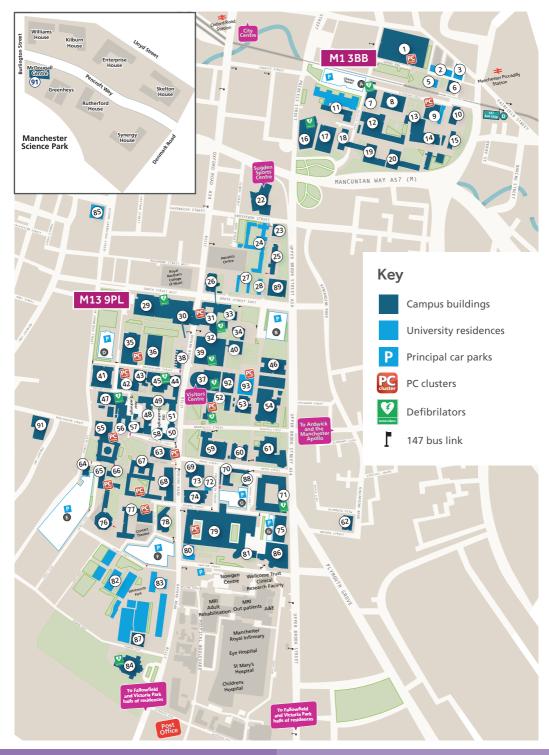
- **63** Alan Gilbert Learning Commons
- 46 Alan Turing Building
- **76** AQA
- **36** Arthur Lewis Building
- 75 AV Hill Building
- 73 Avila House RC Chaplaincy
- 09 Barnes Wallis Building
- 49 Beyer Building
- 27 Bowden Court
- 56 Burlington Rooms
- 88 Carys Bannister Building
- 05 Chandos Hall
- **89** Chemical Engineering and Analytical Sciences
- 61 Chemistry Building
- 58 Christie Building
- 86 Core Technology Facility
- 43 Coupland Building 1
- **47** Coupland Building 3
- 31 Crawford House
- **33** Crawford House Lecture Theatres
- 87 Denmark Building
- **41** Dental School and Hospital
- 30 Devonshire House
- 70 Dover Street Building
- **62** Dryden Street Nursery
- **06** Echoes Day Nursery
- **77** Ellen Wilkinson Building
- **64** Environmental Services Unit
- 03 Fairfield Hall
- 20 Ferranti Building
- 17 George Begg Building

- **93** George Kenyon Building and Hall lof Residencel
- 24 Grosvenor Halls of Residences
- 83 Grove House
- 29 Harold Hankins Building
- 74 Holy Name Church
- 80 Horniman House
- **35** Humanities Bridgeford Street
- **40** Information Technology Building
- 89 James Chadwick Building
- 92 Jean McFarlane Building
- **16** John Garside Building
- 48 John Owens Building
- **39** Kilburn Building
- 02 Lambert Hall
- **63** Learning Commons
- **55** Main Library
- 26 Manchester Business School East
- 29 Manchester Business School West
- **16** Manchester Institute of Biotechnology
- 44 Manchester Museum
- 65 Mansfield Cooper Building
- **42** Martin Harris Centre for Music and Drama
- 25 Materials Science Centre
- 91 McDougall Centre
- 71 Michael Smith Building
- 10 Moffat Building
- **15** Morton Laboratory

- 23 Oddfellows Hall
- 85 Opal Hall
- 07 Paper Science Building
- **12** Pariser Building
- **30** Precinct Shopping Centre
- 34 Prospect House
 - 8 Renold Building
- 28 Ronson Hall
- **53** Roscoe Building
- 45 Rutherford Building
 - 1 Sackville Street Building
- **67** Samuel Alexander Building
- 56 Schunck Building
- 54 Schuster Building
- 59 Simon Building
- 32 St Peter's House/Chaplaincy
- 13 Staff House Sackville Street
- 66 Stephen Joseph Studio
- 79 Stopford Building
- 57 Student Services Centre
- 9 Students' Union (North)
- **68** Students' Union Oxford Road
- 22 Sugden Sports Centre
- **78** The Academy
- **11** The Manchester Conference Centre
- **81** The Manchester Incubator Building
- 14 The Mill
- 37 University Place
- 38 Waterloo Place
- **11** Weston Hall
- **84** Whitworth Art Gallery
- 51 Whitworth Building
- 50 Whitworth Hall
- **82** Whitworth Park Halls of Residence
- 69 William Kay House
- **52** Williamson Building
- 09 Wright Robinson Hall
- 60 Zochonis Building

Satnav

- North Campus Sackville Street M1 3BB
- South Campus Oxford Road M13 9PL



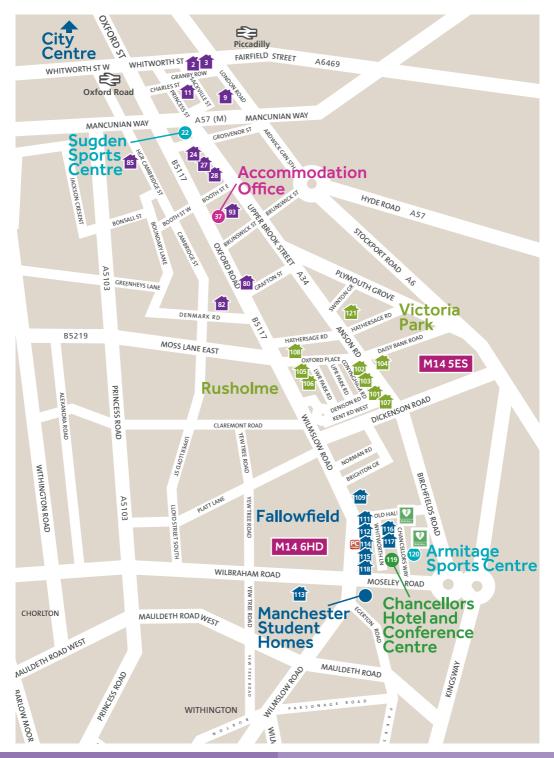
Accommodation map

- **37** Accommodation Office
- 109 Allen Hall
- **120** Armitage Sports Centre
- **111** Ashburne Hall
- 27 Bowden Court
- 100 Brian Redhead Court
- **106** Burkhardt House at Hulme Hall
- 101 Canterbury Court
- 119 Chancellors Hotel and Conference Centre
 - **5** Chandos Hall
- 102 Dalton Ellis Hall
 - 3 Fairfield Hall
- 117 Firs Villa
- 93 George Kenyon Hall
- 24 Grosvenor Group of Halls
- 80 Horniman House
- 105 Hulme Hall
- 110 Ladybarn House
 - 2 Lambert Hall
- 113 Linton House

- 110 Manchester Student Homes
- 115 Oak House
- 85 Opal Hall
- 104 Opal Gardens
- 114 Owens Park
- 116 Richmond Park
- 28 Ronson Hall
- **112** Sheavyn House
- 22 Sugden Sports Centre
- **107** St Anselm Hall
- 108 St Gabriel's Hall
- **72** Vaughan House
- 121 Victoria Hall
 - **11** Weston Hall
- **82** Whitworth Park
- 118 Woolton Hall
 - 9 Wright Robinson Hall

Satnav

- Fallowfield M14 6HD
- Victoria Park M14 5ES







TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
A				
Accounting (3/4 Years) [BSc]	N400	AAA	35	54
Accounting and Finance (3 Years) [BAEcon]	NN43	AAB	35	54/100
Actuarial Science and Mathematics (3 years) [BSc]	NG31	A*AA-AAA	37	156
Aerospace Engineering (3 Years) [BEng]	H400	AAB	35	56
Aerospace Engineering (4 Years) [MEng]	H402	AAA	37	56
Aerospace Engineering with Industrial Experience (5 Years) [MEng]	H406	AAA	37	56
Aerospace Engineering with Management (4 Years) [MEng]	H4ND	AAA	37	56
American Studies (3 Years) [BA]	T701	ABB	33	106
Anatomical Sciences (3 Years) [BSc]	B110	AAA-ABB	37-33	136
Anatomical Sciences with a Modern Language (4 Years) [BSc]	B114	AAA-ABB	37-33	136
Anatomical Sciences with Industrial/ Professional Experience (4 Years) [BSc]	B111	AAA-ABB	37-33	136
Ancient History (3 Years) [BA]	V110	ABB-BBB	34-31	83
Ancient History and Archaeology (3 Years) [BA]	VV14	ABB-BBB	34-31	58
Arabic Studies (4 Years) [BA]	T624	ABB-BBC	34-29	164
Archaeology (3 Years) [BA]	V400	ABB-BBB	34-31	58
Archaeology and Anthropology (3 Years) [BA]	VL46	ABB-BBB	34-31	58/195
Archaeology and Art History (3 years) [BA]	VV43	ABB-BBB	33-32	58
Architecture (3 Years) [BA]	K100	AAA	37	62
Artificial Intelligence (3 Years) [BSc]	G700	AAB	35	85
Artificial Intelligence (4 Years) [MEng]	G702	A*AA	38	85
Artificial Intelligence with Industrial Experience (4 Years) [BSc]	G701	AAB	35	85
В				
Biochemistry (3 Years) [BSc]	C700	AAA-ABB	37-33	136
Biochemistry with a Modern Language (4 Years) [BSc]	C705	AAA-ABB	37-33	136
Biochemistry with Industrial/Professional Experience (4 Years) [BSc]	C701	AAA-ABB	37-33	136
Biology (3 Years) [BSc]	C100	AAA-ABB	37-33	136
Biology with a Modern Language (4 Years) [BSc]	C106	AAA-ABB	37-33	136

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
Biology with Industrial/Professional Experience (4 Years) [BSc]	C101	AAA-ABB	37-33	136
Biology with Science & Society (3 Years) [BSc]	C1V3	AAA-ABB	37-33	136
Biology with Science and Society with Industrial/ Professional Experience (4 Years) [BSc]	C1L3	AAA-ABB	37-33	136
Biomaterials Science and Tissue Engineering (3 Years) [BSc]	J2BV	AAB	35	153
Biomaterials Science and Tissue Engineering (4 Years) [MEng]	BJ82	AAA	37	153
Biomaterials Science and Tissue Engineering with Industrial Experience (4 Years) [MEng]	J2B8	AAA	37	153
Biomedical Sciences (3 Years) [BSc]	B940	AAA-ABB	37-33	136
Biomedical Sciences with a Modern Language (4 Years) [BSc]	B9R9	AAA-ABB	37-33	136
Biomedical Sciences with Industrial/ Professional Experience (4 Years) [BSc]	B941	AAA-ABB	37-33	136
Biotechnology (3 Years) [BSc]	C560	AAA-ABB	37-33	136
Biotechnology with Industrial/Professional Experience (4 Years) [BSc]	C561	AAA-ABB	37-33	136
Business Studies (3 Years) [BAEcon]	N100	AAB	35	65/100
Business Studies and Economics (3 Years) [BAEcon]	NL11	AAB	35	65/100
Business Studies and Politics (3 Years) [BAEcon]	NL12	AAB	35	65/100/186
Business Studies and Sociology (3 Years) [BAEcon]	NL13	AAB	35	65/100/199
Cell Biology (3 Years) [BSc]	C130	AAA-ABB	37-33	136
Cell Biology with Industrial/Professional Experience (4 Years) [BSc]	C131	AAA-ABB	37-33	136
Cell Biology with a Modern Language (4 Years) [BSc]	C132	AAA-ABB	37-33	136
Chemical Engineering (3 Years) [BEng]	H800	AAA	37	70
Chemical Engineering (4 Years) [MEng]	H801	AAA	37	70
Chemical Engineering (Business Management) (4 Years) [MEng]	HN82	AAA	37	70
Chemical Engineering with Biotechnology (4 Years) [MEng]	H8C5	AAA	37	70
Chemical Engineering with Chemistry (4 Years) [MEng]	H8F1	AAA	37	70

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
Chemical Engineering with Energy and Environment (4 Years) [MEng]	H8F4	AAA	37	70
Chemical Engineering with Environmental Technology (4 Years) [MEng]	H8F8	AAA	37	70
Chemical Engineering with Industrial Experience (4 Years) [MEng]	H803	AAA	37	70
Chemical Engineering with Study in Europe (4 Years) [MEng]	H810	AAA	37	70
Chemistry (3 Years) [BSc]	F100	ABB	33	73
Chemistry (4 Years) [MChem]	F109	AAB	35	73
Chemistry with Forensic and Analytical Chemistry (4 Years) [MChem]	F1F4	AAB	35	73
Chemistry with Industrial Experience (4 Years) [MChem]	F101	AAB	35	73
Chemistry with Medicinal Chemistry (3 Years) [BSc]	F150	ABB	33	73
Chemistry with Medicinal Chemistry (4 Years) [MChem]	F152	AAB	35	73
Chemistry with International Study (4 Years) [MChem]	F104	AAB	35	73
Chinese and Japanese (4 Years) [BA]	TT12	ABB	35	131
Chinese and Japanese [IPML]	TT1F	AAA	37	131
Chinese and Linguistics (4 Years) [BA]	TQ11	ABB	35	78/147
Chinese and Screen Studies (4 Years) [BA]	TW16	ABB	35	78
Chinese Studies (4 Years) [BA]	T100	ABB	35	78
Civil and Structural Engineering (4 Years) [MEng]	H220	AAA	37	80
Civil Engineering (3 Years) [BEng]	H200	AAB	35	80
Civil Engineering (4 Years) [MEng]	H201	AAA	37	80
Civil Engineering (Enterprise) (4 Years) [MEng]	H204	AAA	37	80
Civil Engineering with Industrial Experience (5 Years) [MEng]	H207	AAA	37	80
Classical Studies (3 Years) [BA]	Q810	ABB-BBB	34-31	83
Classics (3 Years) [BA]	Q800	ABB-BBB	34-31	83
Cognitive Neuroscience and Psychology (3 Years) [BSc]	BC18	AAA-ABB	37-33	136
Cognitive Neuroscience and Psychology with Industrial/ Professional Experience (4 Years) [BSc]	BCC8	AAA-ABB	37-33	136

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
Comparative Religion and Social Anthropology (3 Years) [BA]	VL66	AAB-BBB	36-31	191
Computer Science (3 Years) [BSc]	G400	AAB	35	85
Computer Science (4 Years) [MEng]	G401	A*AA	38	85
Computer Science and Mathematics (3 Years) [BSc]	GG14	AAB	35	85
Computer Science and Mathematics with Industrial Experience (4 Years) [BSc]	GG41	AAB	35	85
Computer Science with Business and Management (3 Years) [BSc]	G4N2	AAB	35	85
Computer Science with Business and Management with Industrial Experience (4 Years) [BSc]	GNK1	AAB	35	85
Computer Science with Industrial Experience (4 Years) [BSc]	G405	AAB	35	85
Computer Systems Engineering (3 Years) [BEng]	HH66	AAB	35	85
Computer Systems Engineering (4 Years) [MEng]	GH4P	A*AA	38	85
Computer Systems Engineering with Industrial Experience (4 Years) [BEng]	HHQ6	AAB	35	85
Computing for Business Applications (3 years) [BSc]	G510	AAB	35	85
Computing for Business Applications with Industrial Experience (4 years) [BSc]	G511	AAB	35	85
Criminology (3 Years) [BA]	M901	ABB	33	133
D				
Dentistry (first-year entry) (5 Year) [BDS]	A206	AAA	37	91
Dentistry (including foundation year) (6 Year) [BDS]	A204	AAA	36	91
Design Management for Fashion Retailing (3 Years) [BSc]	W290	AAB	35	203
Development Studies (3 Years) [BAEcon]	L900	AAB	35	100
Development Studies and Economics (3 Years) [BAEcon]	LL91	AAB	35	100
Development Studies and Politics (3 Years) [BAEcon]	LL92	AAB	35	100/186
Development Studies and Sociology (3 Years) [BAEcon]	LL93	AAB	35	100/199
Developmental Biology (3 Years) [BSc]	C141	AAA-ABB	37-33	136
Developmental Biology with a Modern Language (4 Years) [BSc]	C1R9	AAA-ABB	37-33	136

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
Developmental Biology with Industrial/				
Professional Experience (4 Years) [BSc]	C143	AAA-ABB	37-33	136
Drama (3 Years) [BA]	W400	AAB	35	93
Drama and English Literature (3 Years) [BA]	WQ4H	AAB	35	93
Drama and Screen Studies (3 Years) [BA]	WW46	AAB-BBB	36-31	93
E				
Earth Sciences (4 Years) [MEarthSci]	F640	AAB	35	96
Economics and Philosophy (3 Years) [BAEcon]	LV15	AAB	35	100/178
Economics (3 Years) [BAEcon]	L100	AAB	35	98/100
Economics (3 Years) [BEconSc]	L102	AAB	35	98
Economics and Criminology (3 Years) [BAEcon]	LM19	AAB	35	100
Economics and Finance (3 Years) [BAEcon]	LN13	AAB	35	54/100
Economics and Politics (3 Years) [BAEcon]	LL12	AAB	35	100/186
Economics and Sociology (3 Years) [BAEcon]	LL13	AAB	35	100/199
Electrical and Electronic Engineering (3 Years) [BEng]	H600	AAB	35	102
Electrical and Electronic Engineering (4 Years) [MEng]	H605	AAA	37	102
Electrical and Electronic Engineering with Industrial Experience (4 Years) [BEng]	Н606	AAB	35	102
Electrical and Electronic Engineering with Industrial Experience (5 Years) [MEng]	H601	AAA	37	102
Electronic Engineering - with Industrial Experience (4 Years) [BEng]	H613	AAB	35	102
Electronic Engineering - with Industrial Experience (5 Years) [MEng]	H615	AAA	37	102
Electronic Engineering (3 Years) [BEng]	H610	AAB	35	102
Electronic Engineering (4 Years) [MEng]	H614	AAA	37	102
Engineering with a Foundation Year (4 or 5 Years)	H108	Students are from a wide backgrounds. Ea is considered	105 n	
English Language (3 Years) [BA]	Q1Q3	AAB	36	147
English Language and a Middle Eastern Language (4 Years) [BA]	QT36	ABB-BBB	34-35	147/164
English Language and Chinese (4 Years) [BA]	QT31	ABB	35	78/147

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
English Language and French (4 Years) [BA]	QR31	ABB	35	115/147
English Language and German (4 Years) [BA]	QR32	ABB-BBB	34-35	119/147
English Language and Italian (4 Years) [BA]	QR33	ABB-BBB	34-35	125/147
English Language and Japanese (4 Years) [BA]	QT32	ABB	35	130/147
English Language and Portuguese (4 Years) [BA]	RQ53	ABB	35	147/201
English Language and Russian (4 Years) [BA]	QR37	ABB-BBB	34-35	147/193
English Language and Screen Studies (3 Years) [BA]	QW36	ABB	35	147
English Language and Spanish (4 Years) [BA]	QR34	ABB	35	147/201
English Language for Education (3 years) [BA]	X3Q1	ABB-BBB	36-31	108
English Literature (3 Years) [BA]	Q320	AAA-AAB	37-35	106
English Literature and a Modern Language (French) (4 Years) [BA]	RQ13	AAB	36	115
English Literature and a Modern Language (German) (4 Years) [BA]	RQ23	AAB-ABB	35-36	119
English Literature and a Modern Language (Italian) (4 Years) [BA]	RQ33	AAB-ABB	35-36	125
English Literature and a Modern Language (Portuguese) (4 Years) [BA]	QR35	ABB	35	201
English Literature and a Modern Language (Russian) (4 Years) [BA]	RQ73	AAB-ABB	35-36	193
English Literature and a Modern Language (Spanish) (4 Years) [BA]	RQ43	AAB	36	201
English Literature and American Studies (3 Years) [BA]	QT37	AAB	35	106
English Literature and Linguistics (3 Years) [BA]	QQ13	AAB	36	147
English Literature with Creative Writing (3 Years) [BA]	Q3W8	AAA-AAB	37-35	106
Environmental and Resource Geology (3 Years) [BSc]	F630	ABB	33	96
Environmental Management (3 Years) [BA]	F851	BBB	31-32	182
Environmental Science (3 Years) [BSc]	F850	ABB	33	110
Environmental Science with a Year Abroad (4 Years) [BSc]	F750	AAB	35	110
Environmental Science with Industrial Experience (4 Years) [BSc]	F75Z	AAB	35	110

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
European Studies and a Modern Language (French) (4 Years) [BA]	RR19	ABB	35	114
European Studies and a Modern Language (German) (4 Years) [BA]	RR29	ABB-BBB	34-35	114
European Studies and a Modern Language (Italian) (4 Years) [BA]	RR39	ABB-BBB	34-35	114
European Studies and a Modern Language (Portuguese) (4 Years) [BA] European Studies and a Modern Language (Russian)	RR59	ABB	35	114
(4 Years) [BA] European Studies and a Modern Language (Spanish) (4 Years) [BA]	RR97 RR49	ABB-BBB ABB	34-35 35	114
F				
Fashion and Textile Retailing (3 Years) [BSc]	JN45	AAB	35	203
Finance (3 Years) [BAEcon]	N300	AAB	35	54/100
French and Chinese (4 Years) [BA]	RT11	ABB	35	131
French and Chinese [IPML]	TR11	AAA	37	131
French and German (4 Years) [BA]	RR12	ABB	35	131
French and German [IPML]	RRC2	AAA	37	131
French and Italian (4 Years) [BA]	RR13	ABB	35	131
French and Italian [IPML]	RRC3	AAA	37	131
French and Japanese (4 Years) [BA]	RT12	ABB	35	131
French and Japanese [IPML]	RT1F	AAA	37	131
French and Linguistics (4 Years) [BA]	RQ11	ABB	35	115/147
French and Portuguese (4 Years) [BA]	RR15	ABB	35	131
French and Russian (4 Years) [BA]	RR17	ABB	35	131
French and Russian [IPML]	RRC7	AAA	37	131
French and Screen Studies (4 Years) [BA]	RW16	ABB	35	115
French and Spanish (4 Years) [BA]	RR14	ABB	35	131
French and Spanish [IPML]	RRC4	AAA	37	131
French Studies (4 Years) [BA]	R110	ABB	35	115

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
G				
Genetics (3 Years) [BSc]	C400	AAA-ABB	37-33	136
Genetics with a Modern Language (4 Years) [BSc]	C402	AAA-ABB	37-33	136
Genetics with Industrial/Professional Experience (4 Years) [BSc]	C401	AAA-ABB	37-33	136
Geochemistry (3 Years) [BSc]	F670	ABB	33	96
Geography (3 Years) [BA]	L700	AAB	35	117
Geography (3 Years) [BSc]	F802	AAB	35	117
Geography (Integrated Masters) [MGeog/GIM]	F800	AAA	36	117
Geography (Integrated Masters) with Planning [MGeog/GIM		AAA	36	182
Geography and Geology (3 Years) [BSc]	FF68	ABB	33	96
Geography and Geology with a year abroad (4 years) [BSc]	FF86	AAB	35	96
Geography with International Study (4 years) [BA]	LF78	AAA	36	117
Geography with International Study (4 years) [BSc]	FL87	AAA	36	117
Geology (3 Years) [BSc]	F600	ABB	33	96
Geology with Planetary Science (3 Years) [BSc]	F6F5	ABB	33	96
Geology with Planetary Science (4 Years) [MEarthSci]	F6FM	AAB	35	96
German and Chinese (4 Years) [BA]	RT21	ABB	35	131
German and Chinese [IPML]	TR12	AAA	37	131
German and Italian (4 Years) [BA]	RR23	ABB-BBB	34-35	131
German and Italian [IPML]	RRF3	AAA	37	131
German and Japanese (4 Years) [BA]	RT22	ABB	35	131
German and Japanese [IPML]	RT2F	AAA	37	131
German and Linguistics (4 Years) [BA]	RQ21	ABB-BBB	34-35	119/147
German and Portuguese (4 Years) [BA]	RR25	ABB-BBB	34-35	131
German and Russian (4 Years) [BA]	RR27	ABB-BBB	34-35	131
German and Russian [IPML]	RRF7	AAA	37	131
German and Screen Studies (4 Years) [BA]	RW26	ABB-BBB	34-35	119
German and Spanish (4 Years) [BA]	RR24	ABB	35	131

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
German and Spanish [IPML]	RRF4	AAA	37	131
German Studies (4 Years) [BA]	R210	ABB-BBB	34-35	119
Н	•••••	••••••	•••••	
Healthcare Science (Audiology) (3 Years) [BSc]	B611	BBB	31	123
Hebrew and Israel Studies (4 Years) [BA]	Q4T6	ABB-BBC	33-35	164
History (3 Years) [BA]	V100	AAA-AAB	37	121
History and American Studies (3 Years) [BA]	VT17	AAB	35	106
History and French (4 Years) [BA]	VR11	AAB	36	115
History and German (4 Years) [BA]	VR12	ABB	35	119
History and Italian (4 Years) [BA]	RV31	ABB	35	125
History and Portuguese (4 Years) [BA]	RV51	ABB	35	201
History and Russian (4 Years) [BA]	RV71	ABB	35	193
History and Sociology (3 Years) [BA]	VL13	ABB	33	121
History and Spanish (4 Years) [BA]	VR14	AAB	35	201
History of Art (3 Years) [BA]	V360	ABB	36-33	63
History of Art and a Modern Language (French) (4 Years) [BA]	RV13	ABB	35	63/115
History of Art and a Modern Language (German) (4 Years) [BA]	RV23	ABB-BBB	34-35	63/119
History of Art and a Modern Language (Italian) (4 Years) [BA]	RV33	ABB-BBB	34-35	63/125
History of Art and a Modern Language (Portuguese) (4 Years) [BA]	RV53	ABB	35	63/201
History of Art and a Modern Language (Russian) (4 Years) [BA]	RV73	ABB-BBB	34-35	63/193
History of Art and a Modern Language (Spanish) (4 Years) [BA]	RV43	ABB	35	63/201
History with Integrated Masters (4 Years) [MHist]	V101	AAA-AAB	37-35	121
I				
Information Technology Management for Business (3 Years) [BSc]	GN51	AAB	35	65
Information Technology Management for Business with Industrial Experience (4 Years) [BSc]	GN5C	AAB	35	65
International Business, Finance and Economics (3 Years) [BSc]	N1N3	AAB	35	65

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
International Management (4 Years) [BSc]	N247	AAB	35	65
International Management with American Business Studies (4 Years) [BSc]	N2T7	AAB	35	65
Internet Computing (3 years) [BSc]	G450	AAB	35	85
Internet Computing with Industrial Experience (4 years) [BSc]	G451	AAB	35	85
Italian and Chinese (4 Years) [BA]	RT31	ABB	35	131
Italian and Chinese [IPML]	TR13	AAA	37	131
Italian and Japanese (4 Years) [BA]	RT32	ABB	35	131
Italian and Japanese [IPML]	RT3F	AAA	37	131
Italian and Linguistics (4 Years) [BA]	RQ31	ABB-BBB	34-35	125/147
Italian and Portuguese (4 Years) [BA]	RR35	ABB-BBB	34-35	131
ltalian and Russian (4 Years) [BA]	RR37	ABB-BBB	34-35	131
Italian and Russian [IPML]	RRH7	AAA	37	131
Italian and Screen Studies (4 Years) [BA]	RW36	ABB-BBB	34-35	125
Italian and Spanish (4 Years) [BA]	RR34	ABB-BBB	34-35	131
Italian and Spanish [IPML]	RRH4	AAA	37	131
Italian Studies (4 Years) [BA]	R300	ABB-BBB	34-35	125
J				
Japanese and Screen Studies (4 Years) [BA]	TW26	ABB	35	130
Japanese Studies (4 Years) [BA]	T200	ABB	35	130
L				
Latin American Studies and Screen Studies (4 Years) [BA]	TW76	ABB	35	201
Latin and English Literature (3 Years) [BA]	QQ36	ABB	33	83
Latin and Italian (4 Years) [BA]	QR63	ABB-BBB	33-31	83
Latin and Linguistics (3 Years) [BA]	QQ61	ABB-BBB	34-31	83
Latin and Spanish (4 Years) [BA]	QR64	ABB	33-32	83
Latin with French (4 Years) [BA]	Q6R1	ABB	33-32	83
Law (3 Years) [LLB]	M100	AAA	37	133
Law with Criminology (3 Years) [LLB]	M1M9	AAB	35	133
Law with Politics (3 Years) [BA]	M1L2	AAB	35	133

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
Law with Politics (3 Years) [LLB]	LM21	AAB	35	133
Learning Disability Studies (3 Years) [BA]	B760	ABB-BBB	31-34	135
Life Sciences (3 Years) [BSc]	C102	AAA-ABB	37-33	136
Life Sciences with a Foundation Year (4 or 5 Years)	C900	Students an from a wid backgrounds. Ea is considered	e range of ach applicatio	145 n
Life Sciences with a Modern Language (4 Years) [BSc]	C103	AAA-ABB	136	
Life Sciences with Industrial/ Professional Experience (4 Years) [BSc]	C105	AAA-ABB	37-33	136
Linguistics (3 Years) [BA]	Q100	ABB	35	147
Linguistics and Japanese (4 Years) [BA]	QT12	ABB	35	130/147
Linguistics and a Middle Eastern Language (4 Years) [BA]	QT16	ABB-BBB	34-35	147/164
Linguistics and Portuguese (4 Years) [BA]	QR15	ABB	35	147/201
Linguistics and Russian (4 Years) [BA]	QR17	ABB-BBB	34-35	147/193
Linguistics and Screen Studies (3 Years) [BA]	QW16	ABB	35	147
Linguistics and Social Anthropology (3 years) [BA]	QL16	ABB	35	147
Linguistics and Sociology (3 years) [BA]	QL13	ABB	35	147
Linguistics and Spanish (4 Years) [BA]	QR14	ABB	35	147/201
M				
Management and Leisure (3 Years) [BA]	N870	AAB-BBB	31-36	152
Management and Marketing of Fashion Textiles (3 Years) [BSc]	JN42	AAB	35	203
Management (3 Years) [BSc]	N201	AAB	35	65
Management (Accounting and Finance) (3 Years) [BSc]	NN24	AAB	35	65
Management (Human Resources) (3 Years) [BSc]	N600	AAB	35	65
Management (Innovation, Sustainability and Entrepreneurship) (3 Years) [BSc]	N200	AAB	35	65
Management (International Business Economics) (3 Years) [BSc]	N246	AAB	35	65
Management (International Studies) (3 Years) [BSc]	N120	AAB	35	65
Management (Marketing) (3 Years) [BSc]	N2N5	AAB	35	65

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
Materials Science and Engineering (3 Years) [BSc]	J500	AAB	35	153
Materials Science and Engineering (4 Years) [MEng]	J501	AAA	37	153
Materials Science and Engineering with Industrial Experience (4 Years) [MEng]	J503	AAA	37	153
Mathematics (3 Years) [BSc]	G100	A*AA-AAA	37	156
Mathematics (4 Years) [MMath]	G104	A*AA-AAA	37	156
Mathematics and Philosophy (3 Years) [BSc]	GV15	A*AA-AAA	37	156
Mathematics and Physics (3 Years) [BSc]	FG31	A*A*A-A*AA	39-38	180
Mathematics and Physics (4 Years) [MMath&Phys]	FG3C	A*A*A-A*AA	39-38	180
Mathematics and Statistics (3 Years) [BSc]	GGC3	A*AA-AAA	37	156
Mathematics and Statistics (4 Years) [MMath]	GG13	A*AA-AAA	37	156
Mathematics with a Modern Language (4 Years) [BSc]	G1R9	A*AA-AAA	37	156
Mathematics with Business & Management (3 Years) [BSc]	G1N2	A*AA-AAA	37	156
Mathematics with Finance (3 Years) [BSc]	G1N3	A*AA-AAA	37	156
Mathematics with Financial Mathematics (3 Years) [BSc]	G1NH	A*AA-AAA	37	156
Mathematics with Financial Mathematics (4 Years) [MMath]	G1NJ	A*AA-AAA	37	156
Mechanical Engineering (3 Years) [BEng]	H300	AAB	35	158
Mechanical Engineering (4 Years) [MEng]	H303	AAA	37	158
Mechanical Engineering with Industrial Experience (5 Years) [MEng]	H301	AAA	37	158
Mechanical Engineering with Management (3 Years) [BEng]	H3N1	AAB	35	158
Mechanical Engineering with Management (4 Years) [MEng]	H3ND	AAA	37	158
Mechatronic Engineering (3 Years) [BEng]	HH36	AAB	35	102
Mechatronic Engineering (4 Years) [MEng]	ННН6	AAA	37	102
Mechatronic Engineering with Industrial Experience (4 Years) [BEng]	HH63	AAB	35	102
Mechatronic Engineering with Industrial Experience (5 Years) [MEng]	HHP3	AAA	37	102

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
Medical Biochemistry (3 Years) [BSc]	C724	AAA-ABB	37-33	136
Medical Biochemistry with Industrial/ Professional Experience (4 Years) [BSc]	C741	AAA-ABB	37-33	136
Medicine (MBChB) (5 years)	A106	AAA	37	160
Medicine (MBChB) (6 years including foundation year)	A104	AAB	35	160
Microbiology (3 Years) [BSc]	C500	AAA-ABB	37-33	136
Microbiology with a Modern Language (4 Years) [BSc]	C502	AAA-ABB	37-33	136
Microbiology with Industrial/Professional Experience (4 Years) [BSc]	C501	AAA-ABB	37-33	136
Middle Eastern Language and a Modern European Language (4 Years) [BA]	TR69	ABB-BBC	33-35	164
Middle Eastern Languages (4 Years) [BA]	T608	ABB-BBC	33-35	164
Middle Eastern Studies and a Middle Eastern Language (Arabic) (4 Years) [BA]	T610	ABB-BBC	33-35	164
Middle Eastern Studies and a Middle Eastern Language (Hebrew) (4 Years) [BA]	T6Q4	ABB-BBC	33-35	164
Middle Eastern Studies and a Middle Eastern Language (Persian) (4 Years) [BA]	T613	ABB-BBC	33-35	164
Middle Eastern Studies and a Middle Eastern Language (Turkish) (4 Years) [BA]	VT61	ABB-BBC	33-35	164
Middle Eastern Studies (3 Years) [BA]	T601	ABB-BBC	33-35	164
Middle Eastern Studies and Screen Studies (4 Years) [BA]	TW66	ABB-BBC	33-35	164
Midwifery (3 Years) [Bmidwif]	B720	ABB	33-34	171
Modern History with Economics (3 Years) [BA]	V136	ABB	33	121
Modern Language and Business & Management (Chinese) (4 Years) [BA]	NT11	ABB	35	78
Modern Language and Business & Management (French) (4 Years) [BA]	NR11	ABB	35	115
Modern Language and Business & Management (German) (4 Years) [BA]	NR12	AAB-BBB	34-36	119
Modern Language and Business & Management (Italian) (4 Years) [BA]	NR13	AAB-BBB	34-36	125
Modern Language and Business & Management (Japanese) (4 Years) [BA]	TN92	ABB	35	130
Modern Language and Business & Management Portuguese) (4 Years) [BA]	NR15	ABB	35	201

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
Modern Language and Business & Management (Russian) (4 Years) [BA]	NR17	AAB-BBB	34-36	193
Modern Language and Business & Management (Spanish) (4 Years) [BA]	NR14	ABB	35	201
Modern Language and Business and Management (Arabic) (4 Years) [BA]	TN61	ABB-BBC	33-35	164
Modern Middle Eastern History & a Middle Eastern Language (Arabic) (4 Years) [BA]	V2T1	ABB-BBB	34-35	164
Modern Middle Eastern History & a Middle Eastern Language (Hebrew) (4 Years) [BA]	V2T6	ABB-BBB	34-35	164
Modern Middle Eastern History & a Middle Eastern Language (Persian) (4 Years) [BA]	V2T3	ABB-BBB	34-35	164
Modern Middle Eastern History & a Middle Eastern Language (Turkish) (4 Years) [BA]	V2T0	ABB-BBB	34-35	164
Modern Middle Eastern History (3 Years) [BA]	V140	ABB-BBB	34-35	164
Molecular Biology (3 Years) [BSc]	C720	AAA-ABB	37-33	136
Molecular Biology with a Modern Language (4 Years) [BSc]	C722	AAA-ABB	37-33	136
Molecular Biology with Industrial/ Professional Experience (4 Years) [BSc]	C702	AAA-ABB	37-33	136
Music (3 Years) [MusB]	W302	AAB	36-35	169
MusB and PgDip RNCM (4 Years)	NA	AAA	36-35	169
Music and Drama (3 Years) [BA]	WW34	AAB	36-35	169
N				
Neuroscience (3 Years) [BSc]	B140	AAA-ABB	37-33	136
Neuroscience (4 Years) [MNeuroSci]	B141	AAA-ABB	37-33	136
Neuroscience with a Modern Language (4 Years) [BSc]	B144	AAA-ABB	37-33	136
Neuroscience with Industrial/Professional Experience (4 Years) [BSc]	B143	AAA-ABB	37-33	136
Nursing: Adult Nursing (3 Years) [BNurs]	B740	BBC	30	171
Nursing: Child Nursing (3 Years) [BNurs]	B730	BBB	31	171
Nursing: Mental Health Nursing (3 Years) [BNurs]	B762	BCC	29	171

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
0				
Optometry (3 Years) [BSc]	B510	AAB	35	173
Optometry (4 Years) [MOptom]	B511	AAB	35	173
Oral Health Sciences [BSc]	B840	BBB	30	91
P		••••••	•••••	••••••
Petroleum Engineering (3 Years) [BEng]	H850	AAB	35	175
Petroleum Engineering (4 Years) [MEng]	H851	AAB	35	175
Pharmacology (3 Years) [BSc]	B210	AAA-ABB	37-33	136
Pharmacology and Physiology (3 Years) [BSc]	BB12	AAA-ABB	37-33	136
Pharmacology and Physiology with Industrial/ Professional Experience (4 Years) [BSc]	BBC2	AAA-ABB	37-33	136
Pharmacology with a Modern Language (4 Years) [BSc]	B212	AAA-ABB	37-33	136
Pharmacology with Industrial/Professional Experience (4 Years) [BSc]	B211	AAA-ABB	37-33	136
Pharmacy (4 Years) [MPharm]	B230	AAA-ABB	36-33	176
Pharmacy with Foundation Year (5 Years)	B231	ABB	35-33	176
Philosophy (3 Years) [BA]	V500	ABB	34	178
Philosophy and Criminology (3 Years) [BASS]	VL53	ABB	34	178/197
Philosophy and Politics (3 years) [BASS]	VL52	ABB	34	178/186/197
Physics (3 Years) [BSc]	F300	A*A*A-A*AA	39-38	180
Physics (4 Years) [MPhys]	F305	A*A*A-A*AA	39-38	180
Physics with Astrophysics (3 Years) [BSc]	F3F5	A*A*A-A*AA	39-38	180
Physics with Astrophysics (4 Years) [MPhys]	F3FA	A*A*A-A*AA	39-38	180
Physics with Philosophy (3 Years) [BSc]	F3V5	A*A*A-A*AA	39-38	180
Physics with Philosophy (4 Years) [MPhys]	F3VM	A*A*A-A*AA	39-38	180
Physics with Study in Europe (4 Years) [MPhys]	F301	A*A*A-A*AA	39-38	180
Physics with Theoretical Physics (3 Years) [BSc]	F345	A*A*A-A*AA	39-38	180
Physics with Theoretical Physics (4 Years) [MPhys]	F346	A*A*A-A*AA	39-38	180
Physiology (3 Years) [BSc]	B120	AAA-ABB	37-33	136
Physiology with a Modern Language (4 Years) [BSc]	B122	AAA-ABB	37-33	136

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
Physiology with Industrial/Professional Experience				
(4 Years) [BSc]	B121	AAA-ABB	37-33	136
Plant Science (3 Years) [BSc]	C200	AAA-ABB	37-33	136
Plant Science with a Modern Language (4 Years) [BSc]	C201	AAA-ABB	37-33	136
Plant Science with Industrial/Professional Experience (4 Years) [BSc]	C202	AAA-ABB	37-33	136
Politics (3 Years) [BAEcon]	L244	AAB	35	100/186
Politics and Criminology (3 Years) [BASS]	LM29	ABB	34	186/197
Politics and International Relations (3 Years) [BSocSc]	L200	AAB	35	186
Politics and Modern History (3 Years) [BA]	VL12	AAB-ABB	36-33	121
Politics and Sociology (3 Years) [BASS]	LL23	ABB	34	186/197/199
Politics and Social Anthropology (3 Years) [BASS]	LL26	ABB	34	186/195/197
Politics, Philosophy and Economics (3 Years) [BA]	LV25	AAB	35	178/188
Portuguese and Chinese (4 Years) [BA]	RT51	ABB	35	131
Portuguese and Japanese (4 Years) [BA]	TR25	ABB	35	131
Portuguese and Screen Studies (4 Years) [BA]	RW56	ABB	35	201
Psychology (3 Years) [BSc]	C800	AAB	35	189
R				
Religions & Theology (3 Years) [BA]	V600	AAB-BBB	36-31	191
Russian and Chinese (4 Years) [BA]	RT71	ABB	35	131
Russian and Chinese [IPML]	TR17	AAA	37	131
Russian and Japanese (4 Years) [BA]	RT72	ABB	35	131
Russian and Japanese [IPML]	RT7F	AAA	37	131
Russian and Portuguese (4 Years) [BA]	RR57	ABB-BBB	34-35	131
Russian and Screen Studies (4 Years) [BA]	RW76	ABB-BBB	34-35	193
Russian and Spanish (4 Years) [BA]	RR74	ABB	35	131
Russian and Spanish [IPML]	RR47	AAA	37	131
Russian Studies (4 Years) [BA]	R700	ABB-BBB	34-35	193

S Science with an Integrated Equadation				
Science with an Integrated Equadation				
Science with an Integrated Foundation Year (4 or 5 Years)	F008	Students are accepted 10 from a wide range of backgrounds. Each application is considered individually		
Social Anthropology (3/4 Years) [BSocSc]	L600	ABB	34	195
Social Anthropology and Criminology (3 Years) [BASS]	LM69	ABB	34	133/195
Social Anthropology and Philosophy (3 Years) [BASS]	LV65	ABB	34	178/195
Social Anthropology and Sociology (3 years) [BASS]	LL63	ABB	34	195/199
Sociology (3 Years) [B SocSc]	L300	BBB	32	199
Sociology and Criminology (3 Years) [BASS]	LM39	ABB	34	133/199
Sociology and Philosophy (3 Years) [BASS]	LV35	ABB	34	178/199
Software Engineering (4 Years) [MEng]	GG64	A*AA	38	85
Software Engineering (3 Years) [BSc]	GG6K	AAB	35	85
Software Engineering with Industrial Experience (4 Years) [BSc]	G603	AAB	35	85
Spanish and Chinese (4 Years) [BA]	RT41	ABB	35	131
Spanish and Chinese (4 Years) [IPML]	TR14	AAA	37	131
Spanish and Japanese (4 Years) [BA]	RT42	ABB	35	131
Spanish and Japanese (4 Years) [IPML]	RT4F	AAA	37	131
Spanish and Portuguese (4 Years) [BA]	RRK5	ABB	35	131
Spanish and Screen Studies (4 Years) [BA]	RW46	ABB	35	201
Spanish, Portuguese and Latin American Studies (4 Years) [BA]	RR45	ABB	35	201
Speech and Language Therapy (4 Years) [BSc]	B620	AAB	35	123
Т		•••••	•••••	
Textile Design and Design Management (3 Years) [BSc]	J4W2	AAB	35	203
Textile Science and Technology (3 Years) [BSc]	JJ49	ABB	33	203
Theological Studies in Philosophy and Ethics (3 Years) [BA]	V610	AAB	35	191
Town and Country Planning (3 Years) [BA]	K402	BBB	32-31	182
Town and Country Planning (4 Years) [MTCP]	K400	BBB	31-32	182

TITLE A-Z	UCAS	A-LEVEL	IB	PAGE
U				
Urban Studies (3 Years) [BSc]	K421	BBB	31-32	182
Z		•••••	•	•
Zoology (3 Years) [BSc]	C300	AAA-ABB	37-33	136
Zoology with a Modern Language (4 Years) [BSc]	C303	AAA-ABB	37-33	136
Zoology with Industrial/Professional Experience (4 Years) [BSc]	C301	AAA-ABB	37-33	136

The University of Manchester Oxford Road Manchester M13 9PL United Kingdom

www.manchester.ac.uk

Royal Charter Number RC000797 M333 02.13



