

MANCHESTER
1824

The University
of Manchester



international undergraduate
prospectus
2012



Find out more

It is an exciting time to be a student at The University of Manchester. With a distinguished history and ambitions to be a top 25 global provider of education and research by 2015, the University is experiencing the most dynamic period of development in its entire history. Choosing to study with us offers you a rich learning experience enhanced by outstanding research and innovation, and gives you the chance to become part of our future.

Outstanding undergraduate study options

- One of the UK's most popular universities
- Internationally-recognised bachelor's degrees with an unparalleled range of study options
- Opportunities for industrial experience and study abroad

Employability and prospects

- The most targeted university by top employers in the UK*
- An excellent reputation with graduate employers scoring 100/100 for quality of our graduates**
- Links with employers worldwide

Research excellence

- Outstanding RAE scores
- Attracts over £250 million annually in external research funding
- Pioneering teaching informed by the latest research
- 25 Nobel Prize winners amongst current and former staff and students

Dynamic learning environment

- £650 million investment in facilities for research and study
- Multi-cultural, friendly campus
- One of the best student cities in the world

* High Flyers Survey 2010

** 2010 QS World University Rankings



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How to use this prospectus

The University of Manchester offers more academic subject areas than any other university in the UK. This prospectus offers an introduction to the University and the range of undergraduate opportunities (courses are listed at the back of this prospectus). It directs you to more detailed information on our website. You will also find points of contact for academic subject areas and other key support services.



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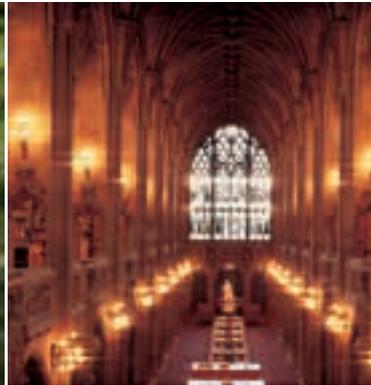
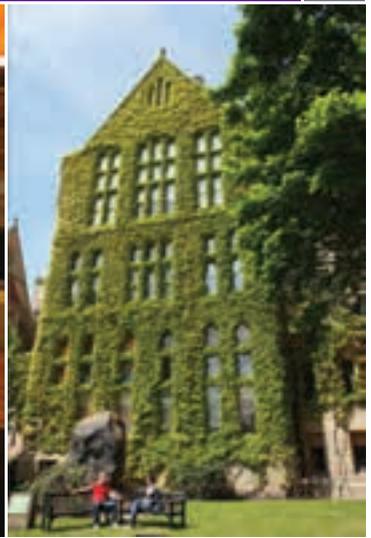


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The University of Manchester







Our research

The University of Manchester is one of the top research universities in the UK and has a global reputation for the quality and volume of its pioneering research.

The University is proud of its distinguished history in research, innovation and enterprise stretching back over 180 years, with no fewer than 25 Nobel Laureates among our current and former staff and students.

Many of our academic staff are professional researchers, dividing their time between teaching and carrying out scholarly or scientific investigation into their specialist subjects. As a student here, you will be taught by these staff who are recognised internationally to be at the forefront of their subject and the content of your course will be informed by the latest thinking and discoveries.

We are at the forefront of the search for solutions to some of the world's most pressing problems. We have strong collaborative links with industry and public services, and we make a real difference through our international research centres. We explore a diverse range of topics, such as cancer, world poverty, environmental sustainability and social change.

We are also one of the world's top universities for biomedical research, leading the search for new treatments for life-threatening diseases.

The Research Assessment Exercise (RAE)

The RAE is an independent exercise which assesses the quality of research in UK Higher Education Institutions. The latest results demonstrate the

international quality of our academic research.

According to the latest RAE in 2008, an impressive 65% of research activity at the University was judged to be "world-leading" (4*) or "internationally excellent" (3*), with most of the remainder judged to be of a "quality that is recognised internationally in terms of originality, significance and rigour".

These results highlighted exceptional performances by The University of Manchester across a diverse range of disciplines, including Architecture, Cancer Studies, Computer Science, Dentistry, Development Studies, Earth Sciences, Economics, Engineering, Sociology and Materials.

All this means that The University of Manchester has emerged as one of the country's top research universities, rated third in the UK in terms of 'research power'.

As a student at a research-led institution, you will benefit too. The best international teaching and learning institutions are great research institutions, where successive generations of students and staff can mix with, and learn from, many of the best and brightest people in the world in a rich and exciting intellectual environment.

For full details of the RAE 2008, see www.manchester.ac.uk/research



Top 10 Universities by Research Activity judged to be 'World-Leading' (4*) or 'Internationally Excellent' (3*)

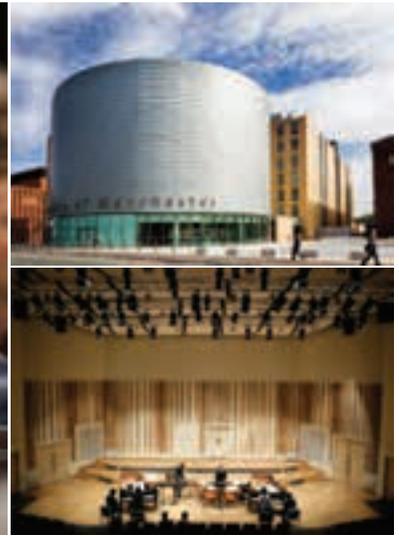
Ranking	University	Research activity at 4* and 3* as measured by number of full-time equivalent staff
1	University of Oxford	1,580
2	University of Cambridge	1,452
3	The University of Manchester	1,194
4	University College London	1,179
5	University of Edinburgh	1,029
6	Imperial College London	893
7	University of Nottingham	809
8	University of Leeds	773
9	University of Bristol	736
10	University of Sheffield	728

Source: HEFCE RAE 2008



Teaching and facilities





The broad range of programmes taught by the University allows you choice and flexibility in your degree programmes. You will be taught by acknowledged international experts and your syllabus will be informed by the very latest knowledge and research.

Innovative teaching methods

The University's academic excellence is complemented by its reputation for providing innovative courses. Manchester is an international leader in an enquiry-based approach to teaching. Students are encouraged to follow their own lines of interest and emphasis is placed on their own ideas and opinions. It has been proven that this approach better equips students for leading roles after they have graduated.

At Manchester you can expect a full range of teaching methods. Alongside more traditional lectures and seminars you will find your learning supported by the latest technology. For example you might be gaining practical experience in one of our modern laboratories or reviewing articles online as part of our e-learning facility. You will be encouraged to read widely, to question and analyse what you have read, and to discuss openly your own ideas in small groups through seminars and tutorials.

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

Working with industry

Manchester graduates have an excellent reputation among employers and the University maintains close links with major global companies. This ensures that teaching is relevant to the needs of industry. If you are looking for work experience as part of your degree, many courses offer the opportunity to spend a period of time with a company. Even if industrial experience is not formally part of your course, the University's Careers Service can help you find placements.

Study abroad

You may also wish to consider a period studying abroad with one of our many partner institutions worldwide. Study abroad broadens your horizons and helps you stand out from the crowd when you graduate.

The University of Manchester has a large number of overseas exchange partners both in Europe and further afield. Students find that spending a period of study at another of the world's best universities is not only a great experience, but also enhances their academic insights, language skills, employability and life experience.



Teaching and facilities continued

Most of our undergraduate courses allow you to participate in the Study Abroad Programme and spend time, usually a semester, at one of our partner institutions. Study abroad periods are available either in the second year of a three-year course, or in the third year of a four-year course. For further information, visit www.manchester.ac.uk/undergraduate/studyabroad

World-class facilities

Whatever programme you choose to study, you can be guaranteed that you will be learning in one of the top educational settings in the UK. As part of a £650 million redevelopment programme we have already invested £416 million in superb buildings and facilities, to ensure that your studies will take place in a first-class setting. Students in every Faculty are already benefiting from new state-of-the-art laboratories, classrooms, workshops and online learning resource centres. This is all part of a continuing drive to provide a world-class research and teaching environment that will allow you to flourish.

The John Rylands University Library is one of the largest academic libraries in the country. It holds more than four million books and has the largest collection of electronic resources of any UK institution. In addition to the main library, many of our academic Schools maintain their own specialist libraries.

Whether you are getting to grips with complex software, measuring the results of experiments or researching on the internet, information technology will be an important part of your degree. At Manchester you will find a commitment to providing first-rate computing facilities. The University has one of the largest IT resources in Europe with over 10,000 PCs across campus, WiFi zones throughout the University, and internet connections in all halls of residence.

The University's main facilities are complemented by specialist laboratories in your School. For example, engineers might be working on industrial scale testing equipment while musicians can expect the latest in studio facilities.

The Alan Gilbert Learning Commons

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





Careers and employability

The University of Manchester is a great place to develop yourself, those all important employability skills and your career potential.

Whatever your intended career, undergraduate study at The University of Manchester provides:

- An undergraduate qualification which is recognised globally, from a university with an outstanding reputation
- The most targeted university by top employers in the UK*
- An excellent reputation with graduate employers**
- Unrivalled access to meeting hundreds of employers on campus and online through our website
- Personal support from the day you arrive from careers professionals who specialise in working with undergraduates
- Training and development opportunities during your degree to enable you to stand out to employers

Enhancing your employability

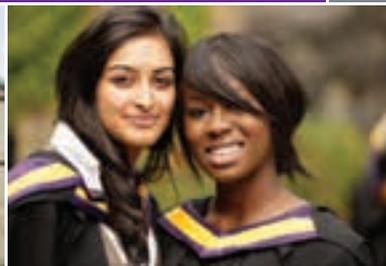
We understand the importance of employability to our students when they are choosing where to study. In today's competitive knowledge-based job market, academic success alone is not enough to secure a career. To give you an edge over other international graduates, it is important to develop your skills and

demonstrate your potential to employers. Whether it is teamwork and leadership, commercial awareness, interpersonal communication, or simply learning more about a job and preparing a stand-out CV, both The University of Manchester and the city itself offer you a variety of opportunities to enhance your skills and maximise your employability.

Targeted by employers

Employers specifically target The University of Manchester's graduates. The Careers Service runs major recruitment fairs for the finance, business, science, engineering, technology, law, not-for-profit and creative sectors. We advertise around 60,000 vacancies with 5,000 companies each year, and offer an online job vacancy service exclusively available to our students and graduates.

We have developed a number of services especially for international students. We hold dedicated career workshops, websites, recruitment events and online guidance, including a regular careers blog for international students. We have exclusive webchats and events to complement our careers information for over 40 countries.



Innovative programmes

The Careers Service offers a number of programmes designed to help you stand out from other graduates. The Manchester Leadership Programme can be incorporated into any undergraduate degree, and aims to train the leaders of the future, giving you the opportunity to develop leadership skills in relation to social awareness. The Manchester Gold mentoring programme offers the chance to gain focused support in your chosen career with 150 one-to-one mentoring opportunities. The Career Management Skills module will help you develop your teamwork, commercial awareness and self-promotion skills, often through lectures given by employers. In addition our International Talent service advertises work experience opportunities for international students here in the UK, utilising their international experience and language abilities.

Helping you

You will find a well-equipped Careers Resource Centre and a wide variety of career-focused events. We know that personal support can be invaluable. By offering one-to-one careers guidance sessions, our consultants enable you to explore options and develop strategies to achieve your career goals. Our team keep up-to-date with changing national and international employment trends, such as which employers sponsor work visa applications. We also assist you if you are interested in part-time work while you study with us via our free part-time jobs service.

Top Careers Services in the UK

1	The University of Manchester
2	The University of Cambridge
3	The Careers Group, London
4	The University of Oxford
5	Durham University
6	London School of Economics
7	The University of Warwick
8	The University of Leeds
9	Loughborough University
10	The University of Sheffield

Source: Barkers/AGR survey 2007

So it's no surprise that our Careers Service is considered the best in the UK, consistently topping polls for employer and student satisfaction. We see this as recognition for the work we do to ensure employers get the chance to meet and recruit our students.

More information

For more information on the Careers Service and its services for international students:

www.studentnet.manchester.ac.uk/careers

Keep in touch with the latest news for international students on the blog at:

<http://manchesterinternationalcareers.wordpress.com>

*High Flyers Survey 2010.

** The QS World University Rankings 2010.



Accommodation

We do everything we can to help new students settle in, and to provide you with a home-from-home. Whatever type of accommodation you prefer, you are likely to find it in Manchester.

University accommodation

Living in university-owned accommodation gives you and your family back home security and peace of mind. The University of Manchester manages more than 9,000 rooms; more than any other university in the country, offering a wide variety of types, costs and locations. Much of our accommodation is very near to the academic campus and all of it is within two miles.

Guaranteed accommodation

As an international student, you are guaranteed a place in one of the University's halls of residence for the full duration of your course, provided that you meet the requirements of the guarantee (see next page for details). If your application falls outside the conditions of the guarantee, you are still welcome to apply for University accommodation, but a room may not be available to you immediately.

Halls and facilities

The range of halls and room-types is extensive: from modern self-catering flats through to traditional collegiate-style catered halls of residence. We do not have 'dorm' style accommodation. All rooms are single occupancy so you are assured of your privacy. Both single and mixed-sex accommodation is available, and there is the option of en-suite or shared facilities. The University also offers specially-adapted rooms for students with disabilities.

All rooms are internet-connected, giving 24-hour access to email and the internet. Facilities vary between halls, but many have their own social areas, libraries, music rooms and sports facilities.

University accommodation represents great value for money. Your residency fee will include Ethernet connection, personal possessions insurance and all utility services.

As an example, fees for 2011-12, based on a 40-week letting period, were:

- £92 per week for a single self-catering room with shared facilities
- £116 per week for a single self-catering room with en-suite facilities
- £120 per week for a single room with shared facilities in a catered hall



Fees vary according to hall and/or room facilities. You should consult the Accommodation Office website for details of individual hall prices. Fees for 2012-13 will be set in April 2012 and may be subject to increase.

Safety and support

The University makes student safety one of its highest priorities. The University's security guards patrol 24 hours a day and cameras are sited throughout the campus. The majority of halls have swipe card entry systems ensuring only students and their friends gain access to the building.

In addition, each residence has a team of wardens and tutors that live within the hall to offer you help and guidance.

Family accommodation

If you plan to bring your partner or family, we offer a limited supply of suitable accommodation (from double rooms to two and three-bedroom self-contained flats), but if we cannot provide you with the space you need, we will advise you on how to locate suitable accommodation elsewhere.

Accommodation guarantee

As an international student, you will be guaranteed a place in one of the University's halls of residence for the full duration of your course, provided that:

- you are coming to the University alone
- have a firmly accepted place at the University
- have submitted an application for accommodation by 31 August
- you reapply for accommodation in subsequent years by the due deadline and for the full academic session

More information

For more information contact the Accommodation Office:

email: accommodation@manchester.ac.uk
www.manchester.ac.uk/accommodation

Private accommodation

In addition to the University's halls of residence, Manchester has a large rental market of private accommodation. Information about properties available, together with more general housing advice can be obtained from Manchester Student Homes. Owned jointly by the Manchester universities, this is the only bureau in the city that can find you university-approved accommodation.

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



Supporting you

The University has a wide range of support services and teams to ensure that the needs of all our students are met. We also recognise that as an international student, you may have specific requirements and so we offer additional support to make sure that your transition here is as smooth as possible.

Before you arrive

For many new students, this will be your first time in the UK. To make this process as straightforward as possible, the University will send you an Arrival Guide, which is an in-depth publication to help you prepare for your arrival at the University. It advises you on what to do before you get to Manchester and is a useful reference during your time here.

You may also be invited to attend a pre-departure briefing in your own country.

Airport Collection Service

This is a free service offered to all new international students every September. Representatives from the University will meet you at Manchester Airport to give you a warm welcome and take you to your accommodation.

Orientation programme

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

Personal and academic tutors

Within your School you will be allocated a personal tutor. Generally, students will be assigned the same personal tutor for the entire duration of the course. They are there to keep an eye on your progress and to help you in any matters where you have a concern. For example, this may be an academic issue, but it could also be of a more personal nature. During your time at University, you will also be allocated academic tutors who will deliver tutorials and help you with any questions relating to course material.



Student Services Centre

The Student Services Centre (SSC) provides a single point of access to information and advice at the University. It enables you to complete all your administrative transactions in one location. These include issues relating to tuition fees, swipe cards, scholarships and awards, examinations and graduation arrangements.

www.manchester.ac.uk/ssc

International Advice Team (IAT)

The IAT is a special team of advisers based in the SSC who are able to provide advice and information on issues specific to international students; such as extending a visa or working in the UK. IAT staff are the University's designated international student advisors, and are authorised to give advice and assistance on immigration matters by the Office of the Immigration Services Commissioner. The team can also give you advice about financial problems, accommodation issues, council tax, childcare and academic problems.

www.manchester.ac.uk/international/supportservices/advice

Other Support Services

- Student Guidance Service

This is a confidential information and advice service based in the Students' Union and is available for anyone with concerns about their studies or academic progress.

- The Counselling Service

The University Counselling Service provides free, individual and confidential help to all students facing difficulties that are affecting their personal well being or ability to work.

- Disability Support Office (DSO)

The University of Manchester welcomes students with additional support needs as a result of a medical condition, disability or specific learning difficulty (for example, dyslexia). You are strongly advised to contact the office before departure.

Health support

If your course of study is for six months or more, you will qualify for NHS (National Health Service) treatment from the beginning of your stay on the same basis as anyone who is ordinarily resident in the UK. Every student is encouraged to register with a local doctor and our advice team will help you to do this. The University of Manchester also operates a Student Occupational Health Service on campus who will be able to help you register with our National Health Service.



Campus life





The University of Manchester is large, yet compact enough to give you the best of both worlds: a city life and a campus community. We can assure you of an exciting and fulfilling experience at the University whilst helping you to further your studies.

The University campus spans a large area close to the city centre. It is dominated by grand buildings but also has quiet corners, landscaped gardens, cafés and common rooms where you can relax and spend time with friends. The University also has places of worship for the majority of faiths.

It is easy to get around the campus. Everything is within walking distance or you can make use of the free bus service.

The University of Manchester Students' Union

The Students' Union is an organisation run by and for all students at the University. The Union is a base for student recreation. Inside the Union buildings you will find cafés, shops and entertainment venues. In addition to professional advice centres, the Union also has an elected International Students' Officer who represents the views of overseas students on campus.

The Union also plays a crucial role in the running and decision-making of the University, representing you and all other students at the highest level.

www.umsu.manchester.ac.uk

Student societies

An important part of British student life is joining student societies. These societies allow you to get together with other students who share the same interests. 180 different societies operate from the Students' Union, covering a huge range of interests and hobbies and representing a variety of faiths, nationalities and lifestyles. Your subject area is likely to have its own society and will organise social functions for students in your School. Students often belong to several societies; they are a great way for you to expand your network of friends. In the rare event that you cannot find a society that matches your interests you can consider starting a new one yourself!

International Society

The International Society is an independent organisation that provides a warm and friendly welcome to Manchester. The Society's office is based on campus, opposite the Students' Union, and its members aim to ensure you have a rewarding experience while in the UK. The Society organises trips around Britain, activities (including language classes), and social events throughout the year.

www.internationalsociety.org.uk



Campus life continued

Advice Centre

The Students' Union also contains an Advice Centre, offering students free confidential and impartial advice. This service provides a safe space in which to discuss problems of any kind.

Childcare

There are two nurseries associated with the University for children between six months and five years of age. Both nurseries are staffed with trained and experienced personnel.

Religious Support

There are chaplains on campus for Anglican, Baptist, Methodist, United Reform and Roman Catholic Churches. Facilities are provided for Jewish worship and there are prayer facilities across campus for Muslim students. There are also student societies for a wide range of religions where you can find support.

Sport

SPORT Manchester is the sport service of The University of Manchester. Our dedicated team of sport enthusiasts deliver a programme of sport opportunities and fitness activities catering for beginners through to elite athletes and there are plenty of opportunities for you to get involved.

The University is ranked 9th in the British Universities and Colleges Sport (BUCS) league and the Athletic Union has 46 different sports clubs that compete weekly against other universities. This includes major sports such as soccer, basketball, cricket, and martial arts, as well as more unusual sports such as korfbal. The clubs are for players of all levels.

The Campus Sport programme provides coaching sessions and fun, friendly inter-university leagues in many sports. The University also offers over 80 health, fitness and wellbeing classes every week on campus where you can try classes such as yoga, tai chi, salsa or boot camp. We have plenty of qualified staff and instructors on hand to help you achieve your fitness goal. We try to provide the best value for money service around and offer you discounted rates at all of our facilities.

The University's sports centres are conveniently located, and provide staff and students with fitness suites, double-sized sports halls suitable for a variety of sports and outdoor pitches. The University also enjoys excellent swimming facilities on campus at the Manchester Aquatics Centre which was built for the 2002 Commonwealth Games held in Manchester.

The Sport Volunteer Scheme is the perfect opportunity to get involved in the local community and gain life experience outside of the classroom.

www.manchester.ac.uk/sport





The city





Manchester is a vibrant and modern city with events, facilities and cultural attractions to suit every lifestyle. It is a lively, cosmopolitan place of opportunity where you can study, learn, enjoy yourself and join in.

Getting around

The University of Manchester is right at the heart of this exciting city – geographically, historically and culturally. The campus is just a short walk from the city centre and our own buildings and history are integral to Manchester's unique character. Although it is one of the largest cities in the UK, it is very accessible and easy to get around. It has superb public transport links including inexpensive buses, local trams and a large train network with excellent connections to the rest of the UK. Manchester International Airport, located south of the city, is a hub for connections to many European and international cities, with daily flights arriving from 200 destinations.

History and architecture

Manchester's ability to welcome and embrace change throughout its history has given the city a rare energy. Manchester was at the centre of the Industrial Revolution, and this legacy is evident in the city's famous Victorian buildings and monuments, such as the Town Hall in Albert Square. More recently the city centre has been reshaped. New public spaces have been created, and imaginative buildings and developments have appeared, reshaping Manchester's skyline. This huge investment is helping to make our elegant city one of the most attractive and appealing places in Europe.

Eating and drinking

Manchester offers a great choice of restaurants, including a good range of high quality international cuisine as well as British cafés and restaurants. Local shops and markets within easy reach of the campus make it easy for international students to buy foods familiar from home. Vegetarian food is easy to find, as well as halal and kosher foods throughout the city. Manchester's 'Chinatown' has a number of Asian supermarkets, and there are many shops in the Rusholme area which cater to the resident South Asian and Middle Eastern communities.

Religions and faiths

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



The city continued

Cultural Manchester

There are more than 50 museums and galleries in Greater Manchester, most of which provide free admission. Museums on offer include the Museum of Science and Industry, the Imperial War Museum North, the People's History Museum and the Manchester Museum which is owned by the University. A visit to any of these will ensure you are well informed about the North West's industrial, scientific, military and social achievements. Art Galleries include the Manchester Art Gallery, the University's own Whitworth Art Gallery, as well more contemporary collections.

Manchester's vibrant music scene has launched some of the great names in music history. The city continues to be a major destination for musical events. The University of Manchester Students' Union has venues which host a large number of popular bands throughout the year. Manchester also offers a huge range of classical music and musical theatre events. The city centre has a concert hall, four large theatres, two major multiplex cinemas and an independent cinema showing smaller and international releases.

Shopping

You may be more attracted to Manchester for its reputation as a shoppers' paradise. There is a range of high street chains and designer stores to rival anywhere in the UK. There are also interesting independent boutiques in areas such as the Northern Quarter where you will find products from all over the world – music, fashion, vintage and more. And for convenience of shopping all under one roof, you

may want to visit the Trafford Centre, a large retail and leisure complex just out of town containing hundreds of diverse shops in one place.

Sport

Manchester's biggest name in sport is Manchester United Football Club and their home at Old Trafford is the largest club ground in Britain. Rival team Manchester City, now one of the richest football clubs in the world, is based on the other side of town at the impressive City of Manchester stadium, which was originally built for the 2002 Commonwealth Games. The Games left a legacy of world-class sporting facilities, including the Manchester Aquatics Centre on the University campus and the Manchester Velodrome. National and international cricket can be enjoyed at Lancashire's Old Trafford Ground, and rugby union and rugby league teams play at nearby Sale, Salford, Wigan and Warrington.

Beyond the city

Manchester is a great base from which to explore the rest of the UK. The naturally stunning Peak District, Lake District and North Wales are all within easy reach, as are the picturesque historic towns of Chester, York and Buxton. The North West coast is less than an hour away by train or car whether you want the unspoiled beaches of Formby or the bright lights of entertaining Blackpool. And the capital London is just over two hours' journey by train, departing every twenty minutes from Manchester Piccadilly Railway Station.





Applying to Manchester

English education system

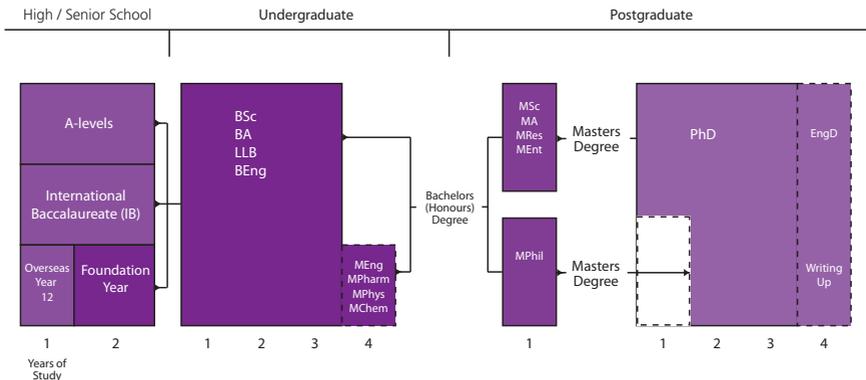
The English education system is different from that of many countries. At 16 years of age, most English students take GCSE (General Certificate of Secondary Education) examinations at secondary school. After secondary school, students then spend two years studying for qualifications such as A-levels, which enable them to apply for entry into university. Students often specialise in their secondary education. As a result, undergraduate degrees often take less time to complete (usually three years) than they do in most countries.

Foundation/bridging year

If you are an international student who has left school after 12 years of education with qualifications other than A-levels or the International Baccalaureate, you may be required to take a Foundation year course. This is a bridging course designed to make up for the extra year that English students spend at school. It may also include additional English language teaching if you need to improve your proficiency.

The University offers an on-campus Science and Engineering pathway, and a Life Sciences Foundation Year. See pages 34 and 71 for further information.

English Education System Flowchart





INTO

The University of Manchester validates the International Foundation Year offered at the 'INTO Manchester' Centre. The course is designed to provide students with a guaranteed offer of progression onto a wide range of courses offered by the University's two largest faculties. In the Faculty of Humanities, the courses include Business and Management, Law, Economics and Social Studies. For Engineering and Physical Sciences, the choice includes all our Engineering disciplines as well as Computer Science, Mathematics, Physics and Chemistry.

Applications should be made to the INTO centre www.into.uk.com/uom

The University will also consider candidates from many other external foundation providers. If you are studying, or intend to study on a foundation course outside the University, you can contact us to enquire whether that course would be recognised for the degree course you want to study with us. Please email international@manchester.ac.uk.

Types of degree

Undergraduate degrees normally take three years to complete, but can take four or five years if they include a year abroad or an industrial placement. After the first year you can specialise as you progress through your studies according to your interests. Almost all Manchester degrees are modular to enable you to choose a route that best matches your interests.

Types of degrees include:

- BSc (Bachelor of Science)—a science degree
- BA (Bachelor of Arts)—an arts degree
- BEng (Bachelor of Engineering)—an engineering degree (accredited by the Engineering Council)
- Undergraduate Masters degree (for example: MEng, MPharm). This is an enhanced four-year undergraduate degree which includes additional subjects studied at a more advanced level.



Applying to Manchester continued

Entry requirements

You will find general entry requirements, outlined as A-level and IB requirements in the Schools section of this brochure. These are provided as a guide only and you should always refer to our website for more detailed and up-to-date information in the course listings. www.manchester.ac.uk/undergraduate

We recognise many different qualifications from around the world.

For details of academic requirements for your country, please visit www.manchester.ac.uk/international/country

If your country is not listed or you are unsure of your qualification level please contact us by email international@manchester.ac.uk

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

In addition to satisfying the general academic criteria you will also need to demonstrate your English language proficiency. The IELTS level required is detailed under each School section. Information on English language support can be found on page 30.

Please note there may be additional requirements for some courses such as proof of competency in mathematics, health checks or specialist examinations such as aptitude tests. You are advised to check the website or with the academic school.

Applying for undergraduate programmes

Your application must be made through the Universities and Colleges Admissions Service (UCAS) at www.ucas.ac.uk. This applies to all students, home and overseas, applying to British universities. UCAS charges an application fee. For those applying to UCAS for entry in 2012, the application fee is £11 for a single choice and £22 for multiple choices.

The UCAS code for The University of Manchester is: M20 MANU The course code is listed next to the course name in the index starting on page 82.

When to apply

You can apply to UCAS from 1 September for entry in September the following year. For example if you are applying to begin your studies in September 2012, you can start your application procedure from 1 September 2011. You are advised to apply as early as possible as some courses do become full. However, the final deadline for international students is 30 June 2012. If you want to apply for Medicine or Dentistry the closing date is 15 October the year before entry. If you have missed the deadlines for applications don't worry, you can still apply for many courses through either UCAS Extra or Clearing, although it is not possible to apply for Medicine or Dentistry courses after the 15 October deadline.



After you apply

UCAS sends your application to the University and it is passed to the admissions officer responsible for selecting students for your chosen course(s). Every application is considered very carefully and you will be notified by UCAS whether or not your application is successful. You will also be able to track your application and make your decisions online via the UCAS TRACK facility on the UCAS website.

If you are successful we will make you an offer. In some circumstances you may be invited to an interview first. The offer may be conditional (C) on future examination results or unconditional (U) if you have already satisfied the entry requirements. After receiving your offer you should formally accept your place via UCAS. You do not need to know your results to accept your offer. If you have accepted a conditional offer with us, you will also be sent information on how to apply for accommodation.

You should apply for accommodation as soon as possible after accepting your offer.

Educational advisors

In some countries, we have a network of educational advisors officially recognised by the University. They can assist you in the preparation and submission of your application. To find out if we have an advisor in your country, please visit the relevant country page in the international section of our website:

www.manchester.ac.uk/international/country

Visits to your country

University staff regularly make visits overseas and are available for admissions advice and guidance. For more information please visit the International Office website:

www.manchester.ac.uk/international/country



Fees and finance

Tuition fees

University tuition fees vary according to the type of subject you choose to study. These fees cover the cost of your study at the University as well as charges for registration, tuition, supervision, research consumables and equipment usage, examinations and graduation. The payment of tuition fees also entitles you to membership of the Library, the Students' Union and the Athletic Union.

In order to give you certainty in your financial planning, the tuition fee payable each year will be fixed for the duration of the programme. This should help you with your budgeting.*

Standard annual tuition fees for new undergraduate international students for 2011/12 entry were:

Arts-based courses:	£11,700
Science-based courses:	£14,700
Clinical-based courses:	£26,800

Non-standard fees apply to many courses. For the specific tuition fees of the course(s) to which you are applying, you are advised to check the University website: www.manchester.ac.uk/undergraduate

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

For general information on fees, please refer to the Student Services website www.campus.manchester.ac.uk/ssc/tuitionfees

Cost of living

Manchester is an affordable place to live, something for you to bear in mind as you calculate the prices of essentials such as accommodation, food and books. In fact, the NatWest 2010 Student Living Survey found Manchester to be the UK's third most cost-effective student city to live in.

Estimated living costs 2011/12	40 weeks
Accommodation (average cost for self-catering hall)	£4,200
Meals (based on a budget of £35 per week)	£1,400
Transport	£500
Books and stationery	£375
Clothes (including provision of warm clothing and footwear)	£375
Local transport	£360
Other general living expenses (eg: photocopying and printing, laundry, phone calls, consumables, entertainment, sports, cooking equipment)	£1,390
TOTAL	£8,240

* This table presents approximate costs based on the 2011/12 academic year. Actual costs will depend on your lifestyle and may rise in line with inflation.



Funding

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

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

Some academic schools at the University offer partial fee bursaries and scholarships for their particular subject area. You should consult the School website for further details.

Your local British Council office may be able to supply information in relation to funding opportunities; see www.britishcouncil.org

Working while you study

International students are currently permitted by law to work a maximum of 20 hours each week during term-time, with no limit during vacations.

There is a broad range of part-time job opportunities for students both on the University campus and in the wider Manchester community. Our Careers Service can assist you in making the most of these opportunities, with initiatives such as the Part-time Jobs Fair, and International Talent.

International Talent is a scheme for students with language skills or international work experience. We work with organisations that have a requirement for one or more of the following skills:

- Languages
- Translation/interpreting
- Understanding of specific countries, world regions or cultures
- Knowledge of the business environment in those countries

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

Further information on working part-time is available on the Careers Service website:

www.careers.manchester.ac.uk/students/international



English language requirements and support

English language requirements

For most international students who have not achieved a grade C or above in GCSE, IGCSE or O-level English, you will be required to demonstrate English proficiency through an approved testing system such as IELTS, TOEFL or Cambridge ESOL. These are internationally-recognised assessments of English language proficiency, designed to determine the ability of non-native speakers of English who intend to study or train in English.

IELTS, for example, is accepted by most British, Australian, Canadian and New Zealand academic institutions. It is also accepted by many professional organisations, for example the UK General Medical Council.

The University accepts other specific tests from individual countries. You can find out information on these by visiting your country page on the international website

www.manchester.ac.uk/international or by contacting the International Office at international@manchester.ac.uk.

Please note that IELTS and TOEFL scores only remain valid for 2 years. If you are applying with a certificate which was achieved over 2 years before your application, then you will need to retake the test.

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

www.ielts.org

www.ets.org

English language support

The University Language Centre (ULC) has over 30 years experience of running English language courses for international students. These courses are accredited by the British Council. The ULC is an IELTS testing centre and its pre-session courses are accredited by BALEAP (British Association of Lecturers in English for Academic Purposes).



Before your course starts: pre-sessional support

The ULC offers English language courses covering the full range of language preparation. Depending on your level of English proficiency, you may wish to consider a Gateway course for the year before you begin your studies, or a pre-sessional course for intensive English training, usually taken in the summer before you begin your studies. These courses are designed to provide you with the level of English needed to meet the conditions of your offer. Even students not required to show further proof of their English can benefit from undertaking a three-week pre-sessional course to help develop overall fluency.

Your offer may specifically mention a pre-sessional course. If your IELTS scores are very close to the requirements for your academic course, you should find out whether completion of a pre-sessional will be enough for you to start your course. You may also need to retake IELTS as part of the entry requirements.

During your studies: in-sessional support

The University Language Centre also offers you support to further improve your English skills during your academic courses. There are 'in-sessional' classes for international students which include workshops in academic writing, academic speaking and listening, pronunciation and grammar. The ULC also gives you access to a wide variety of learning resources for developing your language skills.

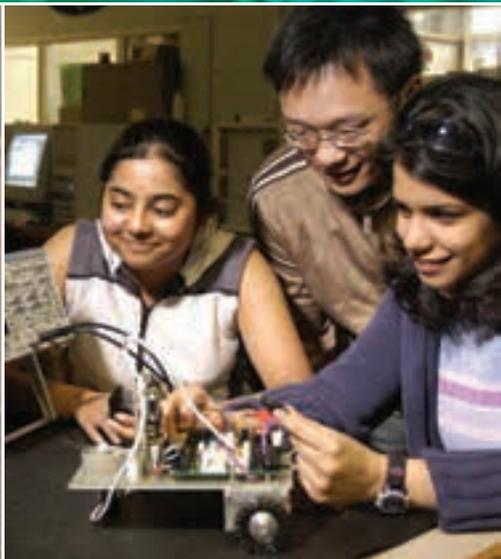
More information

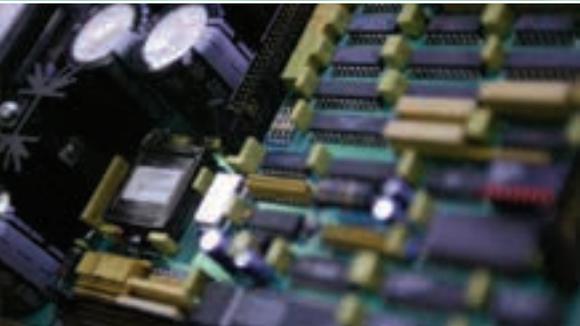
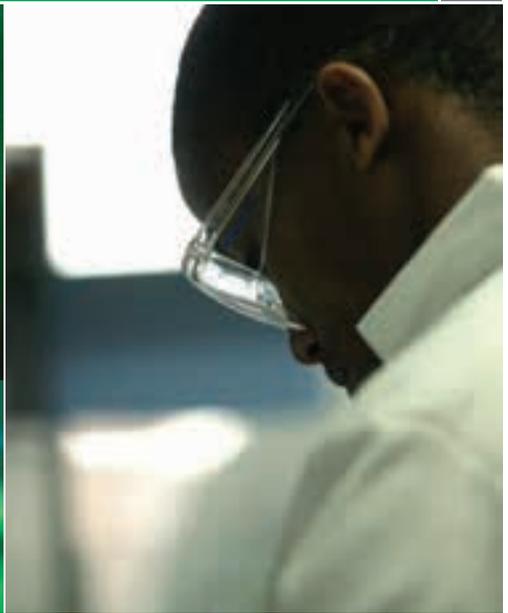
If you are interested in registering for an English course or would like further information please visit our website or contact the University Language Centre: englang@manchester.ac.uk

www.ulc.manchester.ac.uk

Engineering and Physical Sciences

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Engineering and Physical Sciences

Engineering and Science with an Integrated Foundation Year

www.foundationstudies.eps.manchester.ac.uk

Engineering with an Integrated Foundation Year and Science with an Integrated Foundation Year have been designed for students wishing to enter one of the degree courses offered by the Faculty of Engineering and Physical Sciences but who do not yet have appropriate entry qualifications. It is suitable if you have taken 12 years of schooling prior to attending university.

As a Foundation Year student you will be a full student member of The University of Manchester community, and like other students are guaranteed a place in University accommodation. Teaching is undertaken on campus by University staff but you are provided with additional specialist support by the Foundation Studies Office. For students who need to improve their English Language proficiency this is incorporated within the Foundation Year.

Provided you meet the progression criteria of your chosen School, successful completion of the Foundation Year guarantees you a place on the first year of your degree (there is no need to re-apply through UCAS).

Engineering with an Integrated Foundation Year course leads to degree programmes in the following areas:

- Aerospace Engineering
- Chemical Engineering
- Civil Engineering
- Electrical and Electronic Engineering
- Materials Science
- Mechanical Engineering
- Petroleum Engineering
- Textile Engineering

Science with an Integrated Foundation Year leads to degree programmes in the following areas:

- Chemistry
- Computer Science
- Earth Sciences
- Environmental Science/Studies
- Mathematics
- Physics and Astronomy
- Textile Technology

Both Foundation courses are professionally accredited.

All applications should be made through UCAS.

More information

ug-fy-eps@manchester.ac.uk

Entry requirements

A-level: BBB non-Science subjects or CCC with relevant science subjects.

IB: Considered on an individual basis.

English language requirement:

IELTS with no less than 5.5 in any component – or equivalent.



Chemical Engineering

www.manchester.ac.uk/ceas

The University of Manchester is a world leader in industrially relevant research and teaching in chemical engineering and related subjects. In addition to BEng and MEng Chemical Engineering, the School offers programmes that combine chemical engineering with other options such as a year in industry, Biotechnology, Chemistry, Environmental Technology and Study in Europe.

Programmes have a practical focus and use design projects, laboratory experiments and problem-based learning to enhance theoretical work. You gain the analytical and problem solving skills that are so valuable to employers. You also develop essential skills in areas such as team working, communication, making presentations and the use of information technology, including specialist design and modeling packages. The School's new building includes a pilot-scale facility for experiments, which will give you practical experience of industrial operating principles and safety issues.

Manchester's engineering graduates are some of the most employable in the UK. Close links with industry ensure that your degree will be well-known and highly respected when you apply for a job.

All programmes have professional recognition and have been accredited by the Institution of Chemical Engineers (IChemE). This means that after gaining appropriate industrial experience, graduates may apply for corporate membership and become a Chartered Chemical Engineer. The MEng Chemical Engineering with Industrial Experience programme is four years long including a year in industry which will broaden your knowledge whilst providing you with invaluable workplace experience. A range of Industrial Scholarships are available for international students, these awards vary in value from £1,000 per year up to £2,500 per year. Please contact the School directly (or visit our website) for further details.

Research

In the latest RAE which took place in 2008, The University of Manchester was in the top three for Chemical Engineering. Our rating means that one quarter of our research output was judged to be World-Leading with 85% being classed as Internationally Excellent or above.

More information

ug-chem-eng@manchester.ac.uk

www.manchester.ac.uk/ceas

Entry requirements

A-level: AAA including Mathematics and one other science. For Chemical Engineering and Chemistry the science must be Chemistry and for Chemical Engineering with Study in Europe an A-level in the language of choice is required.

IB: 37 points overall with 18 points at the Higher level including Mathematics and one other science.

English language requirement:

IELTS 6.0 with no less than 5.5 in any component - or equivalent.

Other course options

You may also wish to consider courses offered in Chemistry (see page 36) and Petroleum Engineering which is taught jointly with the School of Earth, Atmospheric and Environmental Sciences (see page 38).

Engineering and Physical Sciences

Chemistry

www.manchester.ac.uk/chemistry

Study Chemistry at Manchester and you will meet, work with, and be taught by internationally acclaimed chemists in a building that has recently undergone a development programme costing in excess of £30 million. A three-storey £14.1 million extension housing state-of-the-art teaching laboratories and three newly refurbished lecture theatres rival the best on offer anywhere in the UK.

In addition to traditional chemistry, the School offers BSc and MChem programmes that combine chemistry with other options such as a Year in Industry, Forensic and Analytical Chemistry, Medicinal Chemistry and Study in Europe or North America. Internationally renowned research covering the full spectrum of chemical activity ensures taught courses are based on the latest knowledge.

If you graduate at the BSc level you will satisfy the academic requirements to become an Associate Member of The Royal Society of Chemistry (AMRSC). Graduation at the MChem level with first or second-class honours satisfies the academic requirements for admission with the status of Chartered Chemist (CChem).

School of Chemistry International Scholarships

We recognise that many well-qualified international applicants find it difficult to meet the cost of studying for a degree in the UK. In order to provide financial assistance for international applicants, the School of Chemistry offers scholarships that are based on your chemistry performance at Manchester. BSc and MChem students who achieve a First class performance in their first and second years will receive £3,000 at the start of year three. MChem students who obtain a First class performance in year three will receive another £3,000 in year four. These scholarships will be credited towards tuition fees in the relevant years.

A range of scholarships are available for international students. Please contact the School directly, or visit our website for further details:

www.chemistry.manchester.ac.uk/undergraduate/scholarships-2012

Research

Manchester Chemistry has an international reputation for innovative, cutting-edge research. In the 2008 Research Assessment Exercise (RAE), the School was ranked fourth out of 33 chemistry departments in the UK based on research power.

Research in the School aims to address major societal challenges with a focus on energy and environmental research, as well as health and chemical intervention.

We have also developed world-leading expertise in emerging and expanding areas of research, including chemical biology, materials chemistry and nanoscience.

Our depth of expertise and state-of-the-art facilities and laboratories provide the ideal environment for you to gain a first class introduction to cutting-edge scientific research during your third year and/or final year projects.

More information

ug-chem@manchester.ac.uk
www.manchester.ac.uk/chemistry/undergraduate

Entry requirements:

A-level: AAB (MChem Programmes) ABB (BSc Programmes) including Chemistry and another science subject or Mathematics.

IB: 33 points overall with 17 at Higher Level including Chemistry plus one other science or Mathematics.

English language requirement:

IELTS 6.0 with no less than 5.5 in any component or equivalent.

Other course options

If you do not have the appropriate subject background for direct entry to first year, or you have not studied the appropriate subjects to the required depth, you might be eligible to undertake a foundation year course to bring you up to the right level for first year entry (see page 34).



Computer Science

www.manchester.ac.uk/cs

The University of Manchester is home to one of the most innovative and successful schools of computer science in the world. Manchester saw the birth of computer science, with the creation of the world's first stored program computer, and has contributed over the years to some of the discipline's most exciting and important innovations. We continue to work on pioneering research including cutting-edge image processing software used in Hollywood films, new technologies to exploit the power of the web, medical imaging software and low power chip design. These world-class research activities inform the content of all our undergraduate programmes, enabling our students to work with leading-edge technologies and staff of international renown.

An important characteristic of the School is its broad range of interactions with other disciplines, with both teaching and research informed by collaborations with Life Sciences, Medicine, Manchester Business School, Social Sciences and other Schools in Engineering and Physical Sciences. The School also encourages students and staff to be entrepreneurial, which leads to close relationships with industry, and to a regular stream of new products and businesses. This informs our undergraduate degree programmes and ensures that what you learn is relevant to applications in the wider world.

We offer three and four year programmes in areas such as Artificial Intelligence, Computer Science, Software Engineering, Internet Computing, as well as programmes which combine Computer Science with Business or Mathematics.

Research

The 2008 RAE results place Manchester in 5th and 2nd place for research quality and research power (quality x volume), reaffirming our position as a world-class centre of excellence in computing.

More information

ug-compsci@manchester.ac.uk

www.manchester.ac.uk/cs/undergraduate

Entry requirements

A-level: A*AA-AAB

The majority of our programmes require AAB including an A-level in Mathematics, with the following exceptions:

- Computing for Business Applications and Internet Computing: AAB (A-level Mathematics not required)
- Computer Science and Mathematics and Computer Systems Engineering: AAB including grade A in Mathematics required
- MEng Programmes (Computer Science, Software Engineering, Computer Systems Engineering and Artificial Intelligence) A*AA required, including Mathematics and a science subject

IB: 37-35

BSc Programmes:

35 points overall including 6 in Higher Level Mathematics and 6 in two further subjects with a scientific bias at Higher level.

MEng Programmes:

37 points overall including 7 in Higher Level Mathematics and 6 in two further Higher Level subjects with a scientific bias.

English language requirement:

IELTS 6.0 or equivalent.

Engineering and Physical Sciences

Earth, Atmospheric and Environmental Sciences

www.manchester.ac.uk/seaes

The School of Earth, Atmospheric and Environmental Sciences at Manchester is one of the largest and best-equipped schools of its kind in Britain. A degree from this School will give you an insight into the workings of our planet and environment that no other subjects can. We also have a vibrant research programme, addressing pressing concerns that confront our society, such as energy supplies and climate change. Our research facilities rival those of leading earth, atmospheric and environmental research institutions worldwide, allowing students to be taught by staff at the cutting edge of science.

All field courses run by the School are subsidised by the University. Students must pay for their own food and may be asked to make some contribution towards accommodation and travel.

Our Research

The school is renowned for the excellence of its research and strong links with industry that provide students with an extensive range of opportunities for study and future employment. The school has excellent laboratory and fieldwork facilities and state of the art computer access, including the 3-D visualisation centre.

Results from RAE 2008 confirm that SEAES is among the top Earth and Environmental Sciences Departments in the UK (in the top 20% out of 41 submissions assessed by the Earth Systems and Environmental Science sub-panel). 70% of our assessed research activity was rated as internationally excellent, including 20% rated as world-leading.

Environmental Sciences

Our BSc Environmental Science and BSc Environmental Studies degrees provide the basis for 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 science-based Environmental Studies.

Environmental sciences/studies are the study of how physical and biological processes maintain life and how humans affect nature. In addition to the natural sciences, social sciences provide insights into why people behave as they do and how our social, political and economic institutions impact on environmental quality.

Our environmental courses are based in the School of Earth, Atmospheric and Environmental Sciences, but also draw on important contributions from other schools, particularly Life Sciences and Environment and Development.

More information

ug-earth-sci@manchester.ac.uk
www.manchester.ac.uk/seaes/undergraduate

Entry requirements

A-level: AAB with a minimum of 2 sciences.

IB: 34 points overall with at least 17 at the Higher level and two Higher level science subjects.

English language requirement:

IELTS 6.5 with no less than 6.0 in any component - or equivalent.



Earth Sciences

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

Geoscience is an immensely practical subject and geologists study many phenomena that affect our daily lives. For example, geoscientists make a major contribution to the study of natural hazards such as 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; disposal of domestic, industrial and nuclear waste; and the study of short and long-term climatic change.

Geoscientists find employment, therefore, in the oil, mining, engineering, water and environmental fields. Additionally, there are openings in teaching, at universities and government geological surveys.

More information

ug-earth-sci@manchester.ac.uk
[www.manchester.ac.uk/seaes/
undergraduate](http://www.manchester.ac.uk/seaes/undergraduate)

Entry requirements

A-level: AAB including 2 sciences. For Geochemistry this should include Chemistry. For Geology with Planetary Science this should include Mathematics or Physics to AS level. For Geography and Geology this should include Geography to A-level.

IB: 34 points overall with at least 17 at the Higher level and two Higher level science subjects.

English language requirement:

IELTS 6.5 with no less than 6.0 in any component - or equivalent.

Petroleum Engineering

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 led by industry professionals and the project work is designed to simulate real petroleum engineering problems.

More information

ug-earth-sci@manchester.ac.uk
[www.manchester.ac.uk/seaes/
undergraduate](http://www.manchester.ac.uk/seaes/undergraduate)

Entry requirements

A-level: AAB including Maths and Chemistry.

IB: 34 points overall with at least 17 at the Higher level including Maths and Chemistry.

English language requirement: IELTS 6.5 with no less than 6.0 in any component - or equivalent.

Engineering and Physical Sciences

Electrical and Electronic Engineering

www.manchester.ac.uk/eee

The School of Electrical and Electronic Engineering has more than 60 academic staff and a student population of over 780, over half of whom are undergraduate students.

The School has excellent teaching and laboratory facilities which include a state-of-the-art facility for molecular beam epitaxy, the Rolls-Royce University Technology Centre (Electrical Systems for Extreme Environments), one of the highest specification high voltage laboratories in the UK along with an undergraduate teaching laboratory equipped with the latest equipment including instrumentation systems supplied by National Instruments.

Excellence in Teaching and Research

The School is unique in the UK in combining excellence in both teaching and research. Our research ranking is second in the UK for research quality (RAE 2008). In 2009/10 our score for student satisfaction was 98% in the National Student Survey (NSS). Both of these results will influence potential employers when judging the quality of your degree. www.manchester.ac.uk/eee/reputation

Degrees in Electrical, Electronic and Mechatronic Engineering

Our degrees are flexible, and you can choose between an MEng or a BEng in Electronic Engineering, Electrical and Electronic Engineering, or Mechatronic Engineering. All of our degree courses can be taken with a year in industry. In addition to providing you with the knowledge required of a modern engineer, the courses aim to teach you to use your skill and ingenuity to find ways in which technology can solve problems. The pace of change in the field means that you will need to continually challenge yourself, and the School will give you the skills to adapt and be successful after you have graduated.

Electrical and electronic engineering graduates are highly sought after by employers. The companies that our graduates have joined include Siemens PLC, BP,

Intel, IBM, National Instruments, National Grid, ABB, Rolls-Royce, Vodafone, Shell, Accenture and Goldman Sachs. If you are interested in starting your own company the courses provide 'Enterprise' units to give you the foundation skills to set up your own business.

All courses are accredited by the Institution of Engineering and Technology (IET).

Scholarships

Faculty International Excellence

These scholarships are awarded to international students on the basis of their academic qualifications gained before entry to university. Successful students will receive £2,000 per annum in each year of their undergraduate course.

BP Scholarship

First and second year students in the School can also enter a BP sponsored essay writing competition with six prizes of £2,000. For more information on available funding visit:

www.manchester.ac.uk/eee/undergraduate/funding

More information

ug-eee@manchester.ac.uk

www.manchester.ac.uk/eee/undergraduate

Entry requirements

A-level: AAA-AAB with Mathematics and either Physics, Electronics or Further Mathematics.

IB: 35 points overall, including 6 points in Mathematics and Physics at Higher level.

English language requirement:

IELTS 6.0 or equivalent with no component less than 5.5.



Materials

www.manchester.ac.uk/materials

The School of Materials is the largest and most widely based materials activity in any university in the Western World. It encompasses three main areas of activity: Materials Science (including Biomaterials Science), Corrosion and Protection and Textiles and Paper. At the School of Materials, students take modules ranging from Materials Design, Tissue Engineering and Nanotechnology to Management and Marketing of Textiles and Fashion.

Materials Science and Biomaterials Science and Tissue Engineering

The design, selection and processing of materials is continuing to increase in significance within engineering and biomedical science. Recent innovations by materials scientists include advanced composites for more efficient aircraft, high temperature materials for nuclear fusion, biodegradable polymers for environmentally-friendly packaging and nano-structured materials for drug delivery. The practical applications of the subject and the skills with which materials science and biomaterials graduates are equipped means that they are in high demand worldwide amongst employers in all the important industrial sectors, both in the UK and internationally.

Manchester is a world-leader in materials science research. Materials Science has more than 30 academics, working on topics ranging from metallurgy to nanotechnology, through polymer science and advanced functional ceramics and it was ranked top for research power in the latest UK research assessment exercise. For more information see www.materials.manchester.ac.uk/research/

The courses at Manchester are taught by internationally-renowned experts in their fields, supported by state-of-the-art facilities that enable you to develop both transferable and specialised skills for your subsequent career. Both the Materials Science and the Biomaterials Science and Tissue Engineering degrees are accredited by the Institute of Materials, Mining and Minerals (www.iom3.org) and can lead to Chartered Engineer status. All courses can be taken with an industrial experience option, which allows you to gain one year of paid training in a relevant industry sector. Uniquely, this industrial year can be counted towards Chartered Engineer status. This professional recognition reflects the high international calibre of the course as well as its strong industrial relevance.

More information

ug-materials@manchester.ac.uk

www.manchester.ac.uk/materials/undergraduate

Entry requirements

A-level: AAA-AAB to include two from Maths, Physics and Chemistry for Materials Science, or Biology, Chemistry and one other Science for Biomaterials programmes.

IB: 35-37 points overall. Higher level subjects to include two from Maths, Physics and Chemistry for Materials Science, or Biology, Chemistry and, ideally one other Science for Biomaterials programmes.

English language requirement:

IELTS 6.5 or equivalent with no component less than 5.5.

Engineering and Physical Sciences

Textiles (including Fashion and Management)

Textiles expertise at Manchester is distinctive as it covers the full spectrum of the discipline including fashion, design, technology, management and marketing. The School has in-house knitting, weaving and spinning equipment and state-of-the-art computer aided design (CAD) facilities. We have been named as a global LECTRA partner and we have the largest collection of textiles books in the world. All courses provide training in business practices and management and are accredited by the Textile Institute.

The Textile Science and Technology programme is for students who wish to explore the technology of textiles. The course provides an introduction to the properties of materials; including flame-retardant and colour-fast characteristics. It also focuses on new technologies including polymers, biotechnology, 'smart' materials and electrotechnics.

Courses specialising in management and retailing are industry-driven, with emphasis placed on consumer and market forces. For example, the Textile Design and Design Management course provides you with the opportunity to design and print materials but supports you with fundamental knowledge of business and technological practice.

More information

ug-textiles@manchester.ac.uk

www.manchester.ac.uk/textiles/undergraduate

Entry requirements

A-level: AAB-ABB. For Textile Design and Design Management this should include Art or Design. For Textiles Science and Technology and Textile Technology (with Business Management) this should include one from Mathematics, Physics or Chemistry.

IB: 33-35 points overall. For Textiles Science and Technology this should include Mathematics, and either Physics or Chemistry at Higher level. For Textile Design and Design Management this should include Art or Design at Higher level. For Textile Technology (with Business Management) this should include one from Mathematics, Physics or Chemistry at Higher level.

English language requirement:

IELTS 6.5 with no less than 5.5 in any component - or equivalent.

Other course options

You may also wish to consider Management programmes offered by Manchester Business School (page 59).



Mathematics

www.manchester.ac.uk/mathematics

The School of Mathematics is one of the largest in the UK, with more than 1,100 undergraduates. It is based in the new purpose-built and centrally located Alan Turing Building which offers state-of-the-art facilities for world-class teaching and research, as well as excellent facilities for study, relaxation and refreshment.

Our Research

Our staff are involved in high quality research across the whole range of mathematics, involving projects in pure mathematics, logic, applied mathematics, numerical analysis, probability and statistics. We have an international reputation for research, with over 20% of our activity rated "world leading" in the Research Assessment Exercise 2008. Through MIMS, our Mathematical institute, the School runs a very active series of seminars, workshops and conferences and hosts international visitors.

Our Programmes

The School offers a range of three year BSc and four year MMath degree programmes to suit a wide variety of tastes. We offer degrees in Mathematics alone, or programmes combining Mathematics with Statistics, Financial Mathematics, Business and Management, Foreign Languages or Philosophy. Additionally, our BSc (Hons) Actuarial Science and Mathematics provides a strong mathematical grounding with specialist training in actuarial sciences, allowing students the opportunity to gain exemptions from the professional exams of the actuarial profession. Our four-year MMath degrees are particularly appropriate if you wish to undertake postgraduate study, conduct mathematical research or work as a professional mathematician. Employers are increasingly aware of the advantages of an MMath degree, with MMath graduates able to compete for jobs with MSc students.

You will have the benefits of membership of the Institute of Mathematics and its Applications throughout your time as a student, arranged for you by the School.

Scholarships

The School offers two generous levels of scholarships for those paying international fees. All international students who satisfy the School's entry requirement will receive a scholarship of £1,500 per year. Up to fifteen exceptional candidates will also receive an Excellence Scholarship worth a further £1,500 per year, subject to maintaining an Upper Second class honours standard. For further details, please contact the School.

More information

ug-maths@manchester.ac.uk

www.manchester.ac.uk/math/undergraduate

Entry requirements

A-level: AAA or AAB if this includes Further Mathematics. General Studies is welcomed but is not included as part of the offer. Two AS levels are sometimes accepted in place of a non-mathematical A-level.

For Mathematics with a Modern Language a grade B is required in the relevant language.

IB: 36 points overall; with 18 points at the Higher level, including 6 in Mathematics. For Mathematics with a Modern Language a 5 at Higher level is required in the relevant language.

English language requirement:

IELTS 6.0 or equivalent.

For Actuarial Science and Mathematics, Mathematics with Business and Management, Mathematics with Finance and Mathematics and Philosophy we normally require IELTS 6.5. For Mathematics with a Modern Language IELTS 7.0 is required.

Engineering and Physical Sciences

Mechanical, Aerospace and Civil Engineering

www.manchester.ac.uk/mace

As one of the largest schools incorporating mechanical, aerospace and civil engineering in Europe, we offer a diverse learning environment with a range of innovative and industrially relevant degree courses, most accredited by professional institutions. Programmes are supported by extensive computational and experimental facilities.

The School boasts an outstanding record in both teaching and research. We scored 22 points out of 24 in the most recent teaching quality exercise. In research, the School performed extremely well in the national 2008 RAE exercise, with 70% of research activity ranked as "internationally excellent". The School is ranked third in the UK in terms of research power and we have a combined record of excellence that is among the strongest in the country.

A degree from the School is an international passport to success, with many final year students securing jobs before graduation, and alumni having achieved excellence worldwide. The high level of contact with academic staff, combined with excellent library, computational and experimental resources means you will experience a satisfying and challenging education in engineering. A feature of our programmes is the strong link with industry through student placements, projects and consultancy, and through industrial liaison committees which advise on the design of our courses.

All our programmes are accredited for Chartered Engineer status to the relevant professional institution. BEng graduates will require further learning to achieve Chartered Engineer status.

Please see our website for full details:

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

Aerospace Engineering

The School is a recognised centre of research excellence for both BAE Systems and Airbus UK. This means that you will be taught by experts at the cutting edge of aerospace technologies and your courses will include the latest developments in the industry. Teaching is supported by exceptional experimental facilities including a wind tunnel large enough to test an entire motor vehicle, a Mach 3 capability supersonic tunnel and a flight simulator. Manchester graduates find employment in every part of the design, manufacture, test, development and operation of all air and space vehicles – from the development of 800-seat airliners, to the next generation of military aircraft and space shuttles. Aerospace Engineering programmes are accredited by the Royal Aeronautical Society.

- Aerospace Engineering BEng
- Aerospace Engineering MEng
- Aerospace Engineering with Industrial Experience MEng
- Aerospace Engineering with Management MEng



Civil Engineering

Civil Engineering at Manchester offers vocational programmes that will provide you with the academic base for a professional career in the planning, design and construction of everything in the built environment. A world-class reputation for teaching is supported by excellent facilities including one of the biggest geocentrifuges in Europe and the largest hydraulic tilting flume in the world. All courses incorporate fieldwork and provide you with the opportunity to carry out individual research projects in specialisms such as transportation, earthquake engineering or solid waste management. All our Civil and Structural Engineering degrees are accredited and such a degree provides the academic base to become a member of a Professional Institution and a Chartered Engineer with the Engineering Council.

- Civil Engineering BEng
- Civil Engineering MEng
- Civil Engineering (Enterprise) MEng
- Civil and Structural Engineering MEng
- Civil Engineering with Industrial Experience MEng
- Civil Engineering with Study in North America MEng

Mechanical Engineering

Mechanical Engineering at Manchester aims to provide you with an education that covers the breadth of the subject, strong analytical and problem solving skills and a high degree of competence in engineering design. Practical skills are emphasised throughout and you will be set projects both individually, and in a team, as part of the assessment. Design is an integral part of the degree and you will have access to the School's excellent Computer-Aided-Design (CAD) facilities. You will be introduced to the synthesis of CAD mathematical analysis and numerical methods that result in computer simulations which are increasingly used in high technology engineering. Teaching is additionally supported by state-of-the-art laser laboratories and world leading explosive testing laboratories, in addition to the environment research centre. Mechanical Engineering programmes are accredited by the Institute of Mechanical Engineers (IMechE).

- Mechanical Engineering BEng
- Mechanical Engineering MEng
- Mechanical Engineering with Industrial Experience MEng
- Mechanical Engineering with Management BEng
- Mechanical Engineering with Management MEng
- Mechanical Engineering with Nuclear Engineering BEng
- Mechanical Engineering with Nuclear Engineering MEng

More information

ug-mace@manchester.ac.uk

www.manchester.ac.uk/mace

Entry requirements

A-level: AAB-ABB including A-level Mathematics (must contain some applied/mechanics element) and preferably Physics.

IB: 33-35

BEng: 33 points overall including 5 in Mathematics and Physics at the Higher level.

MEng: 35 points overall including 6 in Mathematics and Physics at the Higher level.

English language requirement:

IELTS 6.0 or equivalent.

Engineering and Physical Sciences

Physics and Astronomy

www.manchester.ac.uk/physics

The School of Physics and Astronomy is one of the largest and most active of its type in the UK. Our tradition has been established by many outstanding teachers and researchers including 12 Nobel Prize winners such as Rutherford, Bohr, Bragg, Cockcroft, Chadwick and Blackett – and, most recently, Geim and Novoselov, who were awarded the prize in 2010 for their pioneering work on graphene.

The reputation of the School rests on the diversity and excellence of our research, as reflected in the latest RAE results where 85% of the School's research was rated as of international quality, with 20% world-leading.

We have top ratings for teaching (24/24) and we are the only School of Physics in the UK to have achieved an overall Student Satisfaction score of over 95% in each of the last three annual National Student Surveys

We offer both three-year degrees and four-year Master of Physics degrees and you can choose to study Physics with Astrophysics, Theoretical Physics, Philosophy, or with Mathematics. There is also an option for Study in Europe.

The School makes use of extensive national and international facilities such as CERN in Geneva, and our own facilities include the famous Jodrell Bank Observatory and Schuster Laboratory. As part of a recent £60 million investment the School has had a major building refurbishment and extension, providing world-class facilities.

The University of Manchester has a range of scholarships and bursaries which is one of the most comprehensive and generous of any UK university. Full details of the various schemes can be found at: www.manchester.ac.uk/undergraduate/studentfinance

In addition to these University-wide schemes, students starting physics-based degree programmes in 2012 (or deferred entry in 2013) will be eligible for the following awards.

Physics Success Scholarships

These awards are available to students from the EU and overseas and are awarded purely on the basis of the academic qualifications gained before entry to university. Students achieving 3 A-grades at A-level (or equivalent), excluding General Studies, receive £500 in each year of their undergraduate course. Payment in the second and subsequent years is dependent on the students achieving at least 60% overall in the previous academic year. No application is necessary, and the scholarships will automatically be awarded to all qualifying students.

Faculty International Excellence Scholarships

These scholarships are awarded to international students on the basis of their academic qualifications gained before entry to university. Successful students will receive £2,000 per annum in each year of their undergraduate course.

More information

ug-physics@manchester.ac.uk

www.manchester.ac.uk/physics

Entry requirements

A-level: A*AA-AAA including Mathematics and Physics.

IB: 38-36 points overall including minimum of 6 points in Mathematics and Physics at Higher level.

English language Requirement: IELTS 6.0 or equivalent.





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Humanities

Arts, Histories and Cultures

www.manchester.ac.uk/arts

With around 3,500 students and 250 full-time academic and administrative staff, the School of Arts, Histories and Cultures is one of the largest concentrations of the arts in the UK. You can choose from around 40 undergraduate courses designed to teach you how to think rather than what to think.

RAE results

The School as a whole performed magnificently in the RAE, with over 70% of its research being returned as 4*/3*.

Archaeology

The University of Manchester is an internationally-recognised centre for social archaeology. You will benefit from high standards in teaching, both theoretical and practical. In addition you will have the opportunity to work with the University's own museum and art gallery. Flexible courses provide you with study opportunities in the UK, Europe, Africa, the South Pacific and the Near East.

More information

ug-archae@manchester.ac.uk

www.manchester.ac.uk/archaeology

Entry requirements

A-level: ABB-BBB

IB: 32 points overall including 6, 6, 5 at Higher level.

English language requirement:

IELTS 7.0 or equivalent.

Art History and Visual Studies

The University offers a wide range of course units in this area, from Prehistoric Art to Contemporary Installation and Photography. While the main emphasis is on Europe, there are possibilities to study African, North and South American, Middle Eastern and Asian art.

More information

ug-artist-arch@manchester.ac.uk

www.manchester.ac.uk/arts

Entry requirements

A-level: ABB-BBB

IB: 33-32 points overall including 6, 6, 5 at Higher level.

English language requirement:

IELTS 7.0 or equivalent.

Classics and Ancient History

Manchester has one of the largest concentrations of experts in this field. Degree courses cater for a wide range of interests and Manchester welcomes applications from those with no previous experience of classics study. The vast number of areas to choose from include: cultural study, anthropology, language, literature, religion, myth, history, archaeology and philosophy.

More information

ug-classics@manchester.ac.uk

www.manchester.ac.uk/arts

Entry requirements

A-level: ABB-BBB

IB: 33-32 points overall including 5 or 6 at Higher level in specific subjects.

English language requirement:

IELTS 7.0 or equivalent.



Drama

Based in impressive music and drama facilities with access to video-production resources, Manchester is one of the UK's leading centres for drama. In addition to the University's own theatre and workshop space, the School has close ties with the Contact Theatre (a professional company based on campus) and Manchester Royal Exchange Theatre. Please note that, although there are some acting opportunities, we do not offer degrees in acting.

More information

ug-drama@manchester.ac.uk

www.manchester.ac.uk/drama

Entry requirements

A-level: AAB-BBB (depending upon course) including English Language or Literature. For Drama and English Literature an A is required in English Literature.

IB: 35-32 points (depending upon course) overall preferably including English Language or Literature. For Drama and English Literature a 7 is required at Higher level.

English language requirement: IELTS 7.0 or equivalent.

English Literature and American Studies

This area is one of the largest of its type in the UK and allows a large choice of modules from Anglo-Saxon Literature to present day, including American, Irish, Post-Colonial Literatures and Creative Writing. American Studies students have the option of spending their second year at an American or Canadian university.

More information

ug-eng-am@manchester.ac.uk

www.manchester.ac.uk/english

Entry requirements

A-level:

American Studies: ABB preferably including English Literature or History.

English Literature: AAA-AAB including grade A in English Literature, or English Language and Literature.

IB:

American Studies: 32 points overall including 6 points in English or History at Higher level.

English Literature: 37-35 points overall including 7 points in English Literature at Higher level.

English language requirement:

IELTS 7.0 or equivalent.

Humanities

History

History has been taught at Manchester at degree level since the Victorian era, and we are justly proud of our record of developing the way the subject is taught, for example pioneering Economic History and introducing the undergraduate thesis, which has since been copied by universities around the world. We offer expertise worldwide from 800 BC to the late 20th Century, including political, social, economic, cultural, ancient, landscape, medieval and gender histories. This allows you either to study many diverse types of histories or to specialise in particular chosen fields. The MHist is an advanced undergraduate degree that enables students to gain specialised knowledge and training over four years of study.

More information

ug-hist@manchester.ac.uk

www.manchester.ac.uk/history

Entry requirements

A-levels:

AAA-AAB including A in History.

Modern History with Economics: ABB-BBB to include History or Economics.

History and Sociology: ABB including A in History or Sociology.

Politics and Modern History: AAB-ABB including A in History, Politics or Government.

MHist: AAA-AAB including A in History.

IB:

History: 37-35, including 6 or 7 in History at Higher level.

History and Sociology: 33, including 5 or 6 in three Higher level subjects, including either History or Sociology.

Modern History with Economics: 32, including 5 or 6 in three Higher level subjects, including History or Economics.

Politics and Modern History: 35, including 6 or 7 in three Higher level subjects, including History, Government or Politics.

English language requirement:

IELTS 7.0 or equivalent.

Music

Manchester has one of the leading music departments in the UK. More than £8 million has been spent on new facilities, including a purpose-built concert hall and £2 million state-of-the-art electroacoustic studios. Courses offer both a practical and academic education taught by staff who are world-recognised specialists in composition, musicology, ethnomusicology and performance.

More information

ug-music@manchester.ac.uk

www.manchester.ac.uk/music

Entry requirements

A-level: AAB with an A in Music.

IB: 37-35 points overall including 6 in Music at Higher level and 6 in another subject at Higher level. All applicants must have Grade 8 Merit in first instrument or voice and Grade 5 Standard on piano (piano can be self-certified). Electric guitar or rock instruments are welcomed but will not form part of the standard offer.

English language requirement:

IELTS 7.0 or equivalent.



Religions and Theology

Manchester is an international centre of excellence in both teaching and research for religion and theology. The University offers a wide range of study options, allowing you to take a very broad comparative approach or to make an in-depth study of a particular interest. Many courses also offer the opportunity to incorporate the social sciences.

More information

ug-relig-theol@manchester.ac.uk

www.manchester.ac.uk/religion

Entry requirements

A-level: AAB-BBB.

IB: 35-32 points overall.

English language requirement:

IELTS 7.0 or equivalent.

Education

www.manchester.ac.uk/education

As a large School of Education in a research-led University, we have developed a thriving research culture that offers a stimulating and productive environment for staff and students alike. Our aim is to ensure that our research is at the cutting edge of theory and practice, and that it contributes to improvements in the overall quality of education for students, their families and communities in educational settings throughout the world.

We provide four undergraduate courses to which international students can apply. The BA (Hons) Language, Literacy and Communication focuses on the structure and function of language in addition to exploring the ways we convey meaning through verbal and non-verbal mediums. You will have the opportunity to study new areas of literacy including computer, visual and media literacy.

The BA (Hons) Learning Disability Studies is a unique and innovative course based upon inclusion and a social model of disability. You will be expected to develop partnership approaches to working with children (and their parents/carers), young people and adults with learning difficulties that will bring about real change in their lives.

The BA (Hons) Management and Leisure combines academic study with professional training. It is focused on management, and management skills relevant to the leisure sector.

The BA (Hons) Applied Community and Youth Work Studies is a course for experienced community and youth workers or those aspiring to work in these professions which leads to a professional qualification. It combines academic study with professional training through work placements.

More information

For Language, Literacy and Communication, Learning Disability Studies, Management and Leisure, Applied Community and Youth Work Studies: ug-education@manchester.ac.uk

www.manchester.ac.uk/education/undergraduate

Humanities

Entry requirements

A-level: AAB-BCC

IB: 28-32 points overall

Applied Community and Youth Work Studies: ABB-BCC 28-30 points overall.

Language, Literacy and Communication: AAB-BBC 28-30 points overall with at least 12 points at Higher level.

Learning Disability Studies: ABB-BBC 28-30 points overall including 12 points at Higher level.

Management and Leisure: ABB-BBB 32 points overall.

For Learning Disability Studies you will be required to have had paid or voluntary experience with people who have learning difficulties.

English language requirement:

IELTS 7.0, with writing at 7.0, or equivalent.

Environment and Development

www.manchester.ac.uk/sed

The School of Environment and Development (SED) specialises in research and teaching on some of the key challenges of our time: climate change, sustainable cities, poverty reduction - to name but a few. The School is home to over 1000 undergraduate students and offers world-class facilities for teaching including analytical laboratories, studios, workshops and specialist geographic information systems (GIS) software.

Architecture

The city of Manchester has an important place in the history of urban development and industrialization: it is therefore no surprise that the Manchester School of Architecture (MSA), part of SED, attracts students from across the world to study architecture.

The MSA offers you the opportunity to become a fully qualified architect with degree courses fully accredited by the Architects' Registration Board (ARB) and validated by the Royal Institute of British Architects (RIBA), the professional body of architecture professionals in the UK. This provides you with an internationally recognised qualification that can help you work as an architect in an international setting.

All international applications are assessed on an individual basis. Because Architecture at the MSA is a design-oriented course, candidates are also asked to submit a digital portfolio, which will be requested directly by the School after application.

More information

sed.admissions@manchester.ac.uk

www.msa.ac.uk

Entry requirements

A-level: Grades AAA. Grades may be attached to specific subjects depending on profile. Mixture of science/maths and humanities/arts subjects preferred. It is not necessary to offer Art, although many of our candidates do.



IB: 36 points overall.

English language requirement:
IELTS 6.5 with no individual component below 5.5.

Geography

The University of Manchester is one of the best-equipped universities to study geography in Europe. Course units fit into three main areas: Human Geography, People and Environment, and Physical Geography. However there is significant flexibility and an important part of learning involves fieldwork both in the UK and overseas. Geography at Manchester also offers the possibility of studying for a year abroad at a partner university in various European countries as well as Australia, Canada, Hong Kong, New Zealand, Singapore or the USA. Geography graduates are in high demand in a wide variety of professional fields.

More information

sed.admissions@manchester.ac.uk
www.manchester.ac.uk/geography

Entry requirements:

Four-year courses:
A-Level: AAA **IB:** 36-34 points overall

Three-year courses:
A-level: AAB **IB:** 35-33 points overall

English language requirement:
IELTS 7.0 with no individual component below 5.5.

Other course options

You may also wish to consider alternative courses offered by the School of Earth, Atmospheric and Environmental Sciences (see page 38).

Planning

Planning at Manchester is highly regarded internationally for its reputation in the fields of urban regeneration and development, territorial governance, and environmental management and planning. SED offers four degree programmes in this area: a BA in City and Regional Development, a BA in Environmental Management and a three or four-year degree in Town and Country Planning. All Planning programmes at Manchester have a common first year, at the end of which you have the option to switch to any of the other programmes. The BA in Town and Country Planning programme provides partial accreditation by the Royal Town Planning Institute (RTPI), while the four-year degree (MTCP) provides full professional recognition.

More information

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

Entry requirements

Four-year course:
A-level: ABB **IB:** 34-32 points overall.

Three-year courses:
A-level: BBC **IB:** 32-30 points overall.

English language requirement:
IELTS 7.0 with no individual component below 5.5.

Humanities

Languages, Linguistics and Cultures

www.manchester.ac.uk/llc

The School of Languages, Linguistics and Cultures offers a broad range of undergraduate courses with an extensive variety of possible subject combinations. With many languages offered from both a beginners and advanced level, the School can offer you a course to reflect your particular interests. The employment record for our alumni is particularly strong; our recent graduates work in areas as diverse as business, recruitment, marketing, management consulting, print and broadcast journalism, publishing, politics, accounting and finance, charitable organisations, translation and interpreting, education, and much more.

Our Research

The School achieved outstanding results in the RAE of 2008. Our submissions in Iberian and Latin American Languages and Russian, Slavonic and East European Languages were top of their national league tables. Each had 30% or more of its research rated as world leading, and 70% or above as 'world leading' or 'internationally excellent'.

In over a third of our submissions at least 60% of our research is rated as 'world leading' or 'internationally excellent'. This result places SLLC among the UK's leading Schools of its kind.

East Asian Studies

East Asian Studies at Manchester offers a wide range of degrees catering for different interests and levels, whether you are a beginner with no prior knowledge of East Asian languages or an advanced speaker. All of our Chinese and/or Japanese Studies courses have a duration of four years and give you a firm grounding in cultural studies, as well as in related fields of history, politics, sociology and economics. Your comprehension, translation, grammar and oral teaching will be undertaken by native speakers and this, combined with your period of residence abroad (in your third year) will give you continuous improvement in your language proficiency.

You can study Chinese and/or Japanese either as a single honours degree or in combination with another language, Linguistics, English Language, Screen Studies or with Business and Management.

More information

ug.languages@manchester.ac.uk

www.manchester.ac.uk/llc/undergraduate

Entry requirements

A-level: AAA-BBB.

IB: 37-32 points

Some of our courses require one or two foreign languages to be studied to university entrance standard. Please see individual course listings on the University or School website for subject specific requirements.

English language requirement:

IELTS 6.5 or equivalent.

Linguistics and English Language

Linguistics and English Language at Manchester has a distinguished record in both research and teaching. Both English Language and Linguistics can be studied either as single honours subjects or combined with a variety of disciplines to give you flexibility and choice in your studies.

English Language International Pathway

Non-native speakers may be interested in the International Pathway through our English Language degree course. This pathway combines all the major elements of our English Language course with additional units giving advanced tuition in English Language, together with courses on topics such as translation and TEFL. More information is available on the School's website. Please note these are not English improvement courses. For more information on improving your English language level see page 30.

More information

ug.languages@manchester.ac.uk

www.manchester.ac.uk/llc/undergraduate



Entry requirements

Four-year course:

A-level: ABB-BBB **IB:** 34-32 points overall.

Three-year courses:

A-level: BBC **IB:** 32-30 points overall.

English language requirement:

IELTS 7.0.

Middle Eastern Studies

The University of Manchester has been a centre for the study of the Middle East for more than a century and its experts are internationally renowned. Teaching in the four modern languages Arabic, Hebrew, Persian and Turkish (Persian and Turkish available as part of joint honours courses only) is accompanied by the study of the national cultures, societies and religious traditions placed in the context of the entire region. The courses explore the fascination of the modern Middle East but also its historical roots and impact. Manchester offers the ideal setting for Middle Eastern Studies with the city's multicultural population and Middle Eastern communities.

More information

ug.languages@manchester.ac.uk

www.manchester.ac.uk/llc/undergraduate

Entry requirements

A-level: AAB-BBC

IB: 37-32 points overall

Some of our courses require one or two foreign languages to be studied to university entrance standard. Please see individual course listings on the University or School website for subject specific requirements.

English language requirement:

IELTS 6.5 or equivalent.

Modern Languages

Modern Languages study at Manchester is among the largest and most diverse in the UK, with outstanding scores in the latest Research Assessment Exercise, particularly in Russian and East European Studies and Spanish, Portuguese and Latin American Studies (which were found to be the best in the country). It includes Japanese, Chinese, French, German, Italian, Russian and East European, Spanish, Portuguese and Latin American Studies. Teaching is also available in Urdu, Catalan, Polish and Dutch. In addition to extensive library resources, the School has the latest media and technology to deliver subject material gathered from across the world. All modern language courses include a compulsory period of residence abroad where the language you are studying is widely spoken.

More information

ug.languages@manchester.ac.uk

www.manchester.ac.uk/llc/undergraduate

Entry requirements

A-level: AAA-BCC

IB: 37-32 points overall

Some of our courses require one or two foreign languages to be studied to university entrance standard. Please see individual course listings on the University or School website for subject specific requirements.

English language requirement:

IELTS 6.5 or equivalent.

Humanities

Law

www.manchester.ac.uk/law

The Law School at Manchester is one of the oldest in the UK. We aim to provide a rigorous grounding in the law and its techniques. We increasingly emphasise a sound appreciation of the theoretical and policy implications of law, and the links between law and society.

The School of Law enjoys a long-standing reputation as one of the UK's most distinguished centres of excellence for the study of law, legal processes and related issues. We have more than seventy highly regarded academics and researchers working in areas of inquiry that cover most of the law together with social ethics and criminology. Many of them are leading experts in their fields. Our research and scholarship is both pure and applied, domestic and international. It reflects a diversity of approaches that range across the theoretical and empirical, the historical, doctrinal and socio-legal, and which draw on inter-disciplinary insights wherever appropriate.

Our staff have always been at the cutting edge of academic scholarship, and our School has produced many celebrated law graduates. The School is held in high esteem by the legal profession, and our students are sought after by leading law firms. We attract professional support for all our students' activities from mooting, debating and widening participation to our 'Mentor Scheme'. This includes the funding of the School's two Legal Advice Centres, which provide our students with a clinical education by giving free legal advice to the local community supervised by Manchester lawyers.

In addition to specialist library collections you will also have access to electronic sources of law materials, such as Westlaw and Lexis/Nexis.

Every Manchester Law graduate with a qualifying law degree at class 2:2, or above, is guaranteed a place at one of the branches of the College of Law, BPP Law School or Manchester Metropolitan University to study on the Legal Practice Course. Many graduates obtain training contracts with firms in both London and provincial practices and similarly our students obtain pupillages if they wish to practice as a barrister.

More information

ug-law@manchester.ac.uk

www.manchester.ac.uk/law

Entry requirements

A-level:

Law: AAA

Law with Criminology: AAA

Law with Politics: AAB

Criminology: ABB

IB:

Law/Law with Criminology: 37 points overall including 7, 6, 6, at Higher level.

Law with Politics: 35 points overall including 6, 6, 6 at Higher level.

BA Criminology: 33 points overall including 6, 5, 5 at Higher level

LNAT:

From 2012 entry we will be asking for a good score from LNAT. Please visit www.lnat.ac.uk

English language requirement:

IELTS 7.0.



Manchester Business School

www.mbs.ac.uk

Manchester Business School is one of the leading centres in Europe for business and management studies. Whichever Manchester Business School degree you choose, you will be taught by leading specialists in their field and receive comprehensive, up-to-date tuition highly regarded by employers worldwide.

According to the UK government's most recent Research Assessment Exercise (RAE 2008), 65% of our research staff are judged to be carrying out work which is "world-leading" (4*) or "internationally excellent" (3*); the 2008 RAE results place MBS at number one in the UK for research power. We encourage research-led teaching; those who write the books teach our students.

We are a truly international business school, with academics of more than 40 nationalities and students from over 80 countries.

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 campus. Take a good look around – could you see yourself here? Go to go.mbs.ac.uk/virtualopenday

International Business, Finance and Economics (IBFE)

The IBFE degree is designed to appeal to students who wish to develop a sophisticated academic understanding of international business. The course emphasises the context within which business operates as much as the different tools and techniques required to measure and assess business performance. The primary aim of the course is to provide you with knowledge and an understanding of the international context of core business issues, whilst allowing you to specialise in particular disciplines relevant to international business. The interdisciplinary, critical approach enables you to develop broad transferable skills such as report

writing, critical analysis, independent research, numeracy and literacy, working with company case studies, presentational skills and interpersonal skills through group work.

The structure of the degree provides a core of Accounting and Finance, Economics and International Context course units throughout the three years, with greater opportunities for choice towards the end of the course. You have the opportunity to learn a foreign language as part of your degree and can also apply to take part in our foreign exchange course to Nanyang Technological University in Singapore or Jonkoping International Business School in Sweden in your second year. The course uses a range of teaching methods and assessments including case studies of individual companies and business simulation games.

Visit www.mbs.ac.uk/ug/ibfe to find out more.

More information

ug-mbs@manchester.ac.uk

Find us on Facebook: www.facebook.com/mbsincomingundergraduates

Watch us on YouTube:

www.youtube.com/manchestermbs

Follow us on Twitter: [@MBSnews](https://twitter.com/MBSnews)

Join us on LinkedIn: www.linkedin.com/company/manchester-business-school

Entry requirements

A-level: AAB

IB: 35 points overall including 6, 6, 7 at Higher level.

English language requirement:

IELTS 6.5 with no less than 6.0 in any component - or equivalent.

Other course options

You may also wish to consider courses offered by the School of Social Sciences (see page 62).

Humanities

Management and Management (Specialism)

The Management and Management (Specialism) degrees are very flexible and several opportunities to transfer between them arise during the course of the three years. Therefore you should apply for only one of them. After the first year the Management degree provides you with a wide range of choices and combinations allowing you to develop and follow your own professional and intellectual interests. You will be able to choose course units from all the disciplines relating to Management, including Accounting and Finance, Economics, Employment Studies/Law, Human Resources, Information Systems, Marketing, Operations Management, Psychology, Sociology, Statistics and Supply Chain Management. With over 90 course units to choose from, you really can shape your own degree.

Choose from the following courses:

- Management
- Management (Accounting and Finance)
- Management (Human Resources)
- Management (Innovation, Sustainability and Entrepreneurship)
- Management (International Business Economics)
- Management (International Studies)
- Management (Marketing)

Visit www.mbs.ac.uk/ug/management to find out more.

International Management

International Management with American Business Studies

International Management is a four-year degree, which offers you the opportunity to study (in English) for a year at a university or business school in Europe, South-East Asia, Australia or New Zealand. We have 28 exchange partners in 16 countries.

Similarly the International Management with American Business Studies stream allows you to spend a year in the USA or Canada. We have 22 diverse exchange partners across eleven US states and four Canadian provinces. Most feature in the Financial Times global business school rankings top 100.

As in the three-year Management degrees, you will be able to choose course units from all the disciplines relating to Management, however you are given the opportunity to specialise in international issues through courses designed to develop an appreciation of differences between institutions and cultures globally. In your year overseas, you take a full programme of courses in your host institution alongside students from that country. You return to Manchester for your final year, during which a range of specialised international options across all of the key disciplines are available.

Visit www.mbs.ac.uk/ug/im or www.mbs.ac.uk/ug/imabs to find out more.

More information

ug-mbs@manchester.ac.uk

Find us on Facebook: www.facebook.com/mbsincomingundergraduates

Watch us on YouTube:

www.youtube.com/manchestermbs

Follow us on Twitter: [@MBSnews](https://twitter.com/MBSnews)

Join us on LinkedIn: www.linkedin.com/company/manchester-business-school

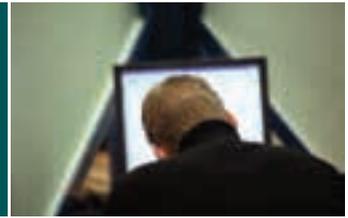
Entry requirements

A-level: AAB

IB: 35 points overall including 6, 6, 7 at Higher level.

English language requirement:

6.5 with no less than 6.0 in any component - or equivalent.



Accounting

On this course you will study accounting theory and practice together with related subjects which will provide you with a fast track to an accountancy qualification or prepare you for a career in the financial world. The course integrates study of the theory and practice of accounting. It is part of the Institute of Chartered Accountants in England and Wales (ICAEW) Undergraduate Partnership Programme. It offers significant exemptions from the examinations of the UK professional accountancy bodies, including the maximum eight exemptions from ICAEW ACA examinations.

The course will give you a thorough grounding in the knowledge and skills you need to succeed as a professional accountant, including the opportunity to apply for a salaried work placement year with a high-calibre employer. Current students have secured placements with firms such as KPMG and Ernst & Young.

If you are a good communicator who enjoys analysing and evaluating practical problems and presenting your findings to others, this programme will enable you to develop your quantitative and qualitative problem-solving skills, and apply them to a range of theoretical and practical issues in accounting and finance. It will give you an insight into the financial operation of companies and other organisations and will help you place accounting and finance in their broader economic, social and political contexts.

Visit www.mbs.ac.uk/ug/accounting to find out more.

More information

ug-mbs@manchester.ac.uk

Find us on Facebook: www.facebook.com/mbsincomingleundergraduates

Watch us on YouTube:
www.youtube.com/manchestermbs

Follow us on Twitter: @MBSnews

Join us on LinkedIn: www.linkedin.com/company/manchester-business-school

Entry requirements

A-level: AAA

IB: 37 points overall including 6, 6, 7 at Higher level.

English language requirement:

IELTS 6.5 with no less than 6.0 in any component - or equivalent.

Other course options

You may also wish to consider courses offered by the School of Social Sciences (see page 62).

Accounting, Management and Information Systems

The Accounting, Management and Information Systems degree provides the opportunity to study key information systems issues in conjunction with the chosen specialism of accounting. This course enables you to develop knowledge and key skills in complementary discipline areas that are highly sought after by employers. Increasingly, managers are required to be adept at managing complex IS projects and in contributing to the development of new systems. This degree is designed to give students in-depth experience in both the academic theory of these issues and their practical application in real life through case studies and a compulsory IS project. You will deliver IS projects set by the likes of IBM and SAS, managing the interface with business and finance.

Visit www.mbs.ac.uk/ug/amais to find out more.

Humanities

Information Technology Management for Business

Developed in collaboration with e-skills UK and leading global employers, ITMB creates 'the ideal graduate' with the business and technical skills vital to business. Two degrees are offered in this area: a three-year course and a four-year course including a work placement year. Previous students have completed placements with Fujitsu, IBM and Intel. The uniqueness of the programme is recognised by over 60 employers including Deloitte, British Airways, Microsoft, IBM, BT, Unilever and Capgemini.

The degrees focus on four major skills and knowledge areas necessary for a successful business or consultancy career in IT management. These areas include Business, Technology, Personal and Interpersonal Skills, and Project Management. Each skill area contributes equally to your learning experience. You learn in large part through team-based project work which is also supported by business mentors.

Visit www.mbs.ac.uk/ug/itmb to find out more.

More information

ug-mbs@manchester.ac.uk

Find us on Facebook: www.facebook.com/mbsincomingundergraduates

Watch us on YouTube: www.youtube.com/manchestermbs

Follow us on Twitter: [@MBSnews](https://twitter.com/MBSnews)

Join us on LinkedIn: www.linkedin.com/company/manchester-business-school

Entry requirements

A-level: AAB

IB: 35 points overall including 6, 6, 7 at Higher level.

English language requirement:

IELTS 6.5 with no less than 6.0 in any component - or equivalent.

BSc Management (Singapore)

Manchester Business School provides a Management degree where academic staff based in the UK take their knowledge directly to Singapore. The course brings Manchester Business School's excellent international reputation for teaching and research to students worldwide while developing a fusion of Western and Asia Pacific approaches.

More information

donna.reaney-smart@mbs.ac.uk

www.mbs.ac.uk/undergraduate

Social Sciences

www.manchester.ac.uk/socialsciences

We are one of the largest and most lively schools of Social Science in the UK and internationally recognised for our excellence. A distinctive strength is our broad range of Social Sciences: Social Anthropology, Sociology, Social Statistics, Politics, Economics and Criminology. In addition, the School is fortunate to house the University's Philosophy discipline area. As well as studying societies empirically, we in the School are concerned to reflect critically on how they are organised and how they should be changed.

Research Assessment Exercise (RAE)

Students are taught by staff who are at the forefront of leading-edge research in their respective areas. This is underlined by the ratings received in the 2008 Research Assessment Exercise. Across the School 50% – 80% of our research was rated 3* or 4* which signify 'International Excellence' and 'World Leading'.



Accounting and / or Finance (BA Economic and Social Studies)

Accounting and Finance at Manchester has a world-class status. The reputation of both research and teaching degrees makes Manchester's graduating students highly sought after by prospective employers. External surveys of graduate recruiters in accounting and finance have, for several years, ranked Manchester first choice. Accounting firms that have connections with the School include KPMG, Ernst & Young, Deloitte, PricewaterhouseCoopers and Grant Thornton. Academic staff are at the forefront of research in the discipline, confirmed by the high ratings in the last Research Assessment Exercise. Strong links with other social sciences contribute to a modern learning experience that is broad-ranging, flexible and topical. Successful completion of an Accounting and Finance degree at Manchester includes up to four exams of ACCA recognition, depending on grades and module selection.

More information

socialsciences@manchester.ac.uk

www.manchester.ac.uk/socialsciences/undergraduate

Entry requirements

A-level: AAB.

IB: 35 points overall. 6, 6, 5 at Higher level with no lower than 5 in any subject.

English language requirement:

IELTS 6.5 with no less than 6 in any component or equivalent.

Other course options

You may also wish to consider specialist Accounting and Finance Management and Information Systems courses offered by Manchester Business School (see page 59).

BA(Econ) (Economic and Social Studies)

The BA (Economic and Social Studies) Honours degree is multidisciplinary degree designed to give you maximum flexibility and choice. In the first year, all students follow a general and broad programme of study. In your second and third years, you can specialise in: Accounting, Business Studies, Development Studies, Economics, Finance, Politics, Philosophy, Criminology or Sociology.

When you apply, you must use one of the 19 course codes. However, this does not restrict your eventual choice of area to specialise in. For example, a student who originally applied for Economics (L100) may eventually combine Politics or Sociology with Economics. There is almost complete freedom of movement, except that you cannot specialise in Accounting, Finance, or Business Studies as a single area, or in combination with other areas, unless you use the appropriate course codes.

There are three first year study paths each consisting of 120 credits

- A Accounting and/or Finance
- B Business Studies
- C Economics / Politics / Sociology / Criminology / Social Anthropology / Development Studies / Philosophy

Humanities

A

30 compulsory credits Accounting & Finance

20 credits Mathematics /Statistics

20 credits Economics

20 credits Politics / Sociology / Social Anthropology / Philosophy

30 credits Chosen from remaining first year courses ie Economic History / Development Studies or more of the above

B

10 compulsory credits Finance

20 credits Economics

20 credits Mathematics/Statistics

20 credits Politics

20 credits Sociology / Social Anthropology / /Philosophy

30 credits Chosen from remaining first year courses ie Economic History / Development Studies / Accounting or more of the above

C

20 credits Mathematics / Statistics

20 credits Economics

20 credits Politics

20 credits Social Anthropology / Criminology / Sociology /Philosophy

40 credits Chosen from remaining first year courses i.e. Economic History / Development Studies / Accounting / Finance or more of the above

- In the second year you can study a maximum of 80 credits from a single discipline area.
- In the third year you can take all 120 credits from a single discipline area. For a single area specialisation you need to have studied at least 80 credits from that area. For joint specialisation you need at least 50 credits from both areas of study.

* You need to pass 120 credits in each of your three study years to obtain a degree with honours.

More information

socialsciences@manchester.ac.uk

www.manchester.ac.uk/socialsciences/undergraduate

Entry requirements

A-level: AAB.

IB: 35 points overall. 6, 6, 5 at Higher level with no lower than 5 in any subject.

English language requirement:

IELTS 6.5 with no less than 6 in any component or equivalent.

Other course options

You may also wish to consider Management and/or International Business courses offered by Manchester Business School (see page 59).



Business Studies (BA Economic and Social Studies)

Business is conducted in a globally competitive environment and modern professionals are now required to understand more than just business processes. Related social, political and economic environments, in addition to the increasing importance of information technology, all play a significant role in influencing businesses and competition. At Manchester, Business Studies is a stream of the wider BA (Econ) course (see page 58). This provides an opportunity to study relevant areas of economics, accounting and finance within their broader political and social context. It also gives you a very wide range of options to choose from when configuring your degree. The Business Studies specialism contains not only theoretical and practical knowledge relevant to a career in business, but also transferable management, IT and analytical skills which are highly valued by employers.

More information

socialsciences@manchester.ac.uk

www.manchester.ac.uk/socialsciences/undergraduate

Entry requirements

A-level: AAB.

IB: 35 points overall. 6, 6, 5 at Higher level with no lower than 5 in any subject.

English language requirement:

IELTS 6.5 with no less than 6 in any component or equivalent.

Other course options

You may also wish to consider Management and/or International Business courses offered by Manchester Business School (see page 59).

Economics

The BEconSc Economics programme is a quantitative economics degree designed for students who have already decided to become economics specialists. The distinctive feature of studying at Manchester is a structured programme which combines core modules in economics with the opportunity of further specialisation in the following areas:

- Business Economics and Applied Microeconomics
- Comparative Economics
- Econometrics and Mathematical Economics
- Economic History
- Finance
- International and Monetary Economics

Graduates from Economics have an excellent employment record and high starting salaries. In the past Manchester graduates have gone to work for organisations including The Bank of England, Merrill Lynch, Goldman Sachs, Citibank, United Assurance, PricewaterhouseCoopers, The Post Office, the Government Civil Service, the Government Statistical Service, Midland Bank plc., Ford Motor Company, Prudential plc., Nationwide Building Society and Deutsche Bank. You can also follow Economics by the BA (Econ) Pathway.

More information

socialsciences@manchester.ac.uk

www.manchester.ac.uk/socialsciences/undergraduate

Entry requirements

A-level: Grades AAB. This should include Mathematics (at either grade A or B) and preferably Economics.

IB: 35 points overall with 6, 6, 5 at Higher level including Mathematics. No lower than 5 in any subject.

English language requirement:

IELTS 6.5 with no less than 6 in any component or equivalent.

Other course options

You may also wish to consider Management and/or International Business courses offered by Manchester Business School (see page 59), as well as the (Econ) pathway (see page 63).

Humanities

Philosophy

Within our Philosophy courses we aim to teach you about other people's ideas and to develop your own. Learning about the major debates in the history of philosophy until the present day is essential background for developing your own responses to the problems in philosophy. This is a structured, yet flexible programme informed by current research, that aims to give you in-depth knowledge of some central areas of Western analytical philosophy.

More information

socialsciences@manchester.ac.uk

www.manchester.ac.uk/socialsciences/undergraduate

Entry requirements

A-level: ABB

IB: 34 points overall. 6,6,5 at Higher level with no lower than 5 in any subject. PPE requires 35 points overall including English Language or English Literature at Higher level.

English language requirement:

IELTS 6.5 with no less than 6 in any component or equivalent.

Other course options

You may also wish to consider courses in the School of Arts, Histories and Cultures (see page 50).

BA Social Sciences

The BA Social Sciences degree offers you the opportunity to sample a broad range of Social Science subjects and to specialise further in one or two. It is ideal if you are interested in Social Sciences but are not yet sure which disciplines you wish to study in more depth. The degree is also particularly suited to those students who want to study more than one Social Science. It allows you to gain a broad foundation, which gives you flexibility in choosing what to concentrate on further. Studying one or two main disciplines ensures that you gain a high-level of knowledge in these by the end of your degree. Students can choose from the following areas: Philosophy, Politics, Criminology, Sociology and Social Anthropology.

More information

socialsciences@manchester.ac.uk

www.manchester.ac.uk/socialsciences/undergraduate

Entry requirements

A-level: ABB.

IB: 34 points overall. 6, 6, 5 at Higher level with no lower than 5 in any subject.

English language requirement:

IELTS 6.5 with no less than 6 in any component or equivalent.



Politics and International Relations

Politics at Manchester has been taught for over 50 years and with 35 political science members of staff, it is the largest unit of its kind in the UK. There are eight courses to choose from and a wide choice of modules in areas such as British and American Politics, Comparative European Politics, the European Union, Political Theory, Third World Politics, International Relations, Globalisation, Gender and Ethics. The Politics and International Relations BSocSc degree specialises in politics with a global context. The course is designed to allow you to concentrate in this area from the outset and provides appropriate political training in addition to subject material drawn from a choice of other areas such as other social sciences, history, language or philosophy. You can also follow Politics by the BA (Econ) pathway (see above).

More information

socialsciences@manchester.ac.uk

www.manchester.ac.uk/socialsciences/undergraduate

Entry requirements

A-level: AAB including one social science subject (eg Politics, Economics, Sociology) or a humanities subject (eg History, Geography).

IB: 35 points overall. 6, 6, 5 at Higher level with no lower than 5 in any subject.

English language requirement:

IELTS 6.5 with no lower than 6 in any component or equivalent.

Social Anthropology

The programme provides a comprehensive knowledge of the diversity of cultural, social and material aspects of human existence in contemporary societies. It has both regional and global scope, focusing on particular peoples and areas, while considering much wider issues, including current processes of globalisation and migration.

More information

socialsciences@manchester.ac.uk

www.manchester.ac.uk/socialsciences/undergraduate

Entry requirements

A-level: ABB.

IB: 34 points overall. 6, 6, 5 at Higher level with no lower than 5 in any subject.

English language requirement:

IELTS 6.5 with no less than 6 in any component or equivalent.

Sociology

Sociology gives you the skills to analyse and interpret contemporary social developments and problems. The strength of studying Sociology at Manchester lies in the diversity of knowledge and broad spread of interests of staff. As a student you will also have access to specialist resource centres that provide both an academic and social network.

You take core course units in Social Theory and Research Methods which ensure you have a firm foundation in sociology from the outset. Optional units are grouped into four areas: Culture and Media, Globalisation and Social Change, Social Divisions (including Class, Gender and Race), Work, Employment and Social Divisions. You can also follow Sociology by the BA(Econ) pathway.

More information

socialsciences@manchester.ac.uk

www.manchester.ac.uk/socialsciences/undergraduate

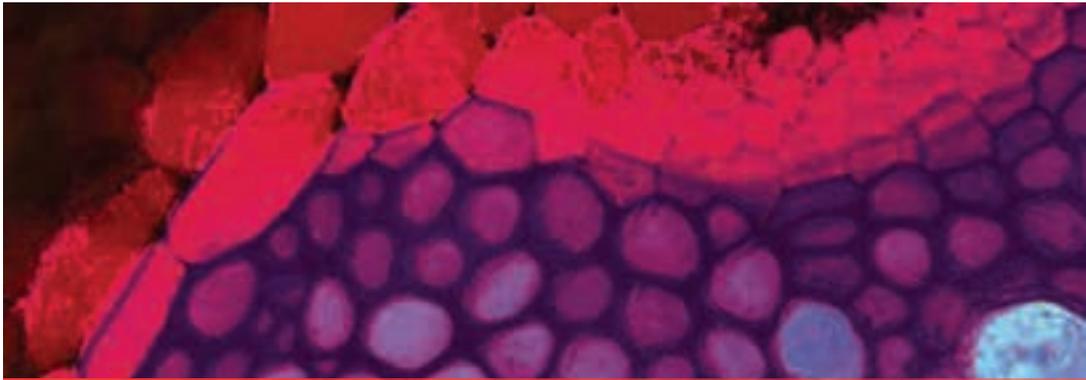
Entry requirements

A-level: BBB.

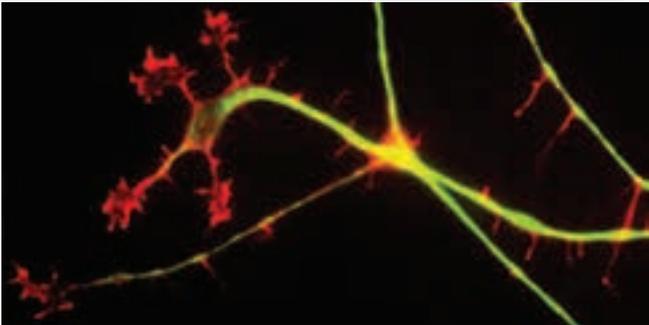
IB: 32 points overall. 6, 6, 5 at Higher level with no lower than 5 in any subject.

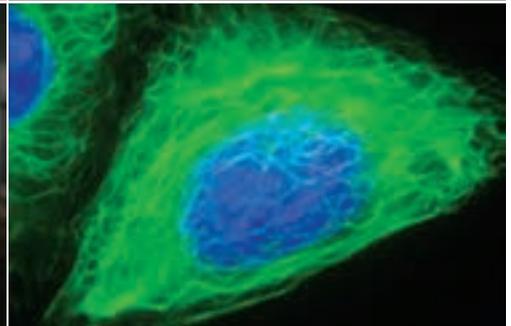
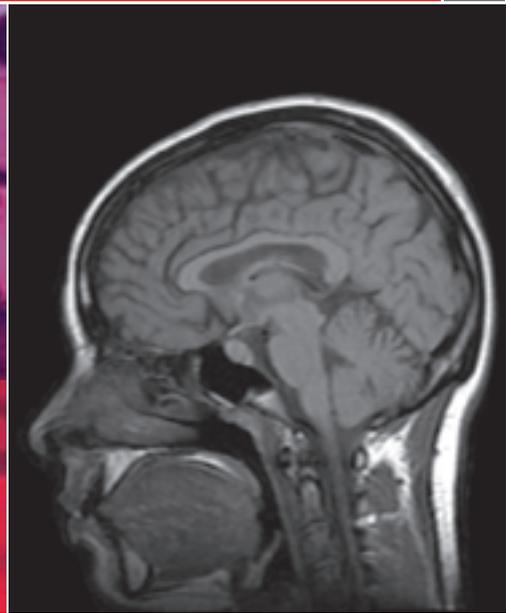
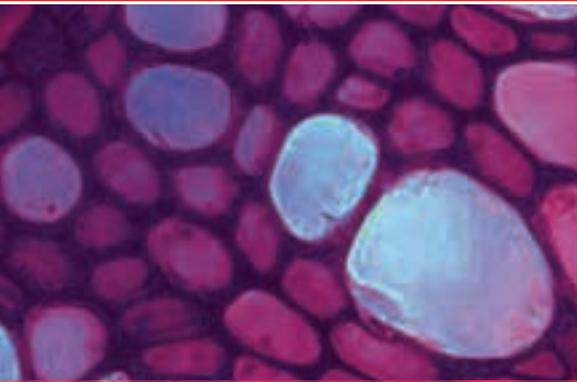
English language requirement:

IELTS 6.5 with no lower than 6 in any component or equivalent.



Life Sciences





Life Sciences

Life Sciences

www.manchester.ac.uk/lifesciences

The Faculty of Life Sciences (FLS) is one of the largest and most successful unified research and teaching organisations of its kind in Europe with over 1,000 people involved in research, 1,700 undergraduate students and an annual total budget of £65 million.

The Life Sciences are the sciences of the living world. 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. Our Faculty has been rated as one of the leading centres for Life Sciences research in the UK. In the latest independent RAE, 95% of our research was classified being of international significance and we were ranked second in the country in terms of research power.

FLS offers 22 degree subjects and 60 different courses covering a broad range of subjects from Anatomical Sciences to Zoology. The subject areas fall into 2 broad categories; Biomedical Sciences (focusing on Human Biology) and Biosciences (dealing with all life forms):

Biomedical Sciences

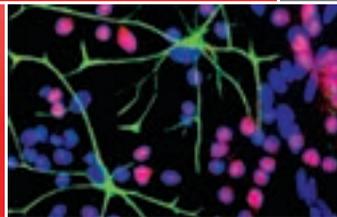
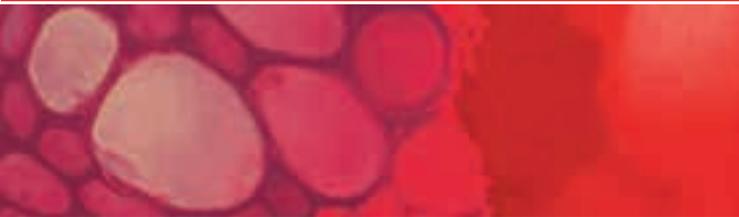
- Anatomical Sciences
- Biomedical Sciences
- Cognitive Neuroscience and Psychology
- Medical Biochemistry
- Neuroscience
- Pharmacology
- Pharmacology and Physiology
- Physiology

Biosciences

- Biochemistry
- Biology
- Biology with Science and Society
- Biotechnology
- Cell Biology
- Development Biology
- Genetics
- Life Sciences
- Microbiology
- Molecular Biology
- Plant Science
- Zoology

Single honours programmes are generally available in three formats:

- Three-year degree
- Four-year degree with industrial/professional experience
- Four-year degree with a modern language (French, German, Italian, Japanese, Mandarin or Spanish).



Degrees with industrial/professional experience provide you with significant and relevant work experience. The setting is usually an industrial or international research organisation, undertaking pure or applied research and development. There is a considerable level of flexibility across the range of Life Sciences courses, allowing you to select different combinations of courses to suit your interests. At the end of the first year it is usually possible to transfer to another course within the Faculty.

The Faculty delivers innovative undergraduate courses which include formal lecturing, practical skills sessions, online problem-based learning and field courses. Scientists usually work as part of a wider team, therefore group activities are an important part of learning.

Find out more

www.manchester.ac.uk/lifesciences/undergraduate

ug-lifesciences@manchester.ac.uk

Typical offer

A-level: AAA-ABB

IB: 37-33 points overall

English language requirement:

IELTS 6.5 with no less than 6.5 in any component – or equivalent.

For entry requirements to specific courses you will need to visit www.manchester.ac.uk/ugcourses

Other course options

You may also wish to consider programmes offered by the School of Chemistry, School of Materials (Biomaterials), School of Pharmacy and the School of Psychology.

Life Sciences with a Foundation Year

Life Sciences with a Foundation year is the course for you if you want to enter one of the degrees offered by the Faculty of Life Sciences but do not have the appropriate entry qualifications. It is suitable if you:

- Have taken 12 years of schooling prior to attending University
- Do not have an educational background in Biology, Chemistry and/or Mathematics

As a foundation student you will be a full student member of The University of Manchester, and, like other students, are guaranteed a place in University accommodation. The majority of the foundation year is taught at Xaverian College, located about 1km south of the main campus with a complementary study programme at the main university campus.

After completing the Foundation Year you will be eligible to attend any of the three or four-year courses offered by Life Sciences.

Find out more

www.manchester.ac.uk/lifesciences/undergraduate

ug-lifesciences@manchester.ac.uk

Typical offer

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

For entry requirements to specific courses you will need to visit:

www.manchester.ac.uk/ugcourses

Life Sciences

Optometry

Manchester has long been an important centre for optometry. The British Optical Association was founded here and, in 1964, we were the first university to introduce a course leading to a BSc in Ophthalmic Optics.

The Optometry course at Manchester recognises that modern optometry is more than the correction of long and short-sightedness using spectacles and contact lenses. Today's optometrist also needs to be able to detect and monitor eye disease, manage eye disorders common to the very young or very old, offer primary care for patients with low vision or disease, provide advice on colour vision and assess the role of vision in work and sport. The course is constantly being reassessed to ensure that you are prepared in areas such as business management and commercial development and regulations. The University has a large group of enthusiastic clinical instructors in addition to academic staff, with additional support from private and hospital based opticians, orthoptists and ophthalmologists.

There are two routes for Optometry:

- The BSc(Hons) provides a three-year basic Optometry degree.
- The MOptom incorporates the first two years of the BSc with advanced project and lecture courses, 12 months of clinical experience and the preregistration year required for practice in the UK, into a four-year Masters course.

Find out more

www.manchester.ac.uk/lifesciences/undergraduate

ug-lifesciences@manchester.ac.uk

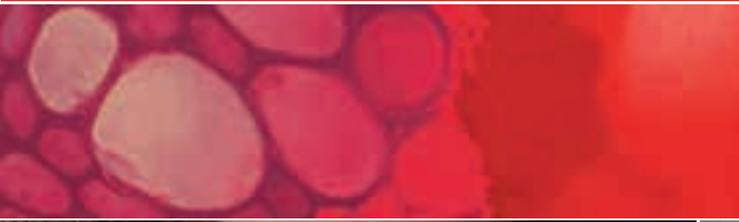
Entry requirements

A-level: AAB including A in Biology and one of Mathematics, Physics or Chemistry taken at one sitting.

IB: 35 points overall including minimum of 5/6 points in specified science subjects.

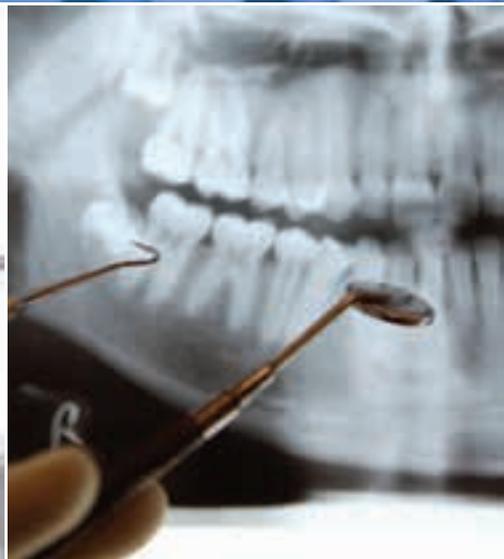
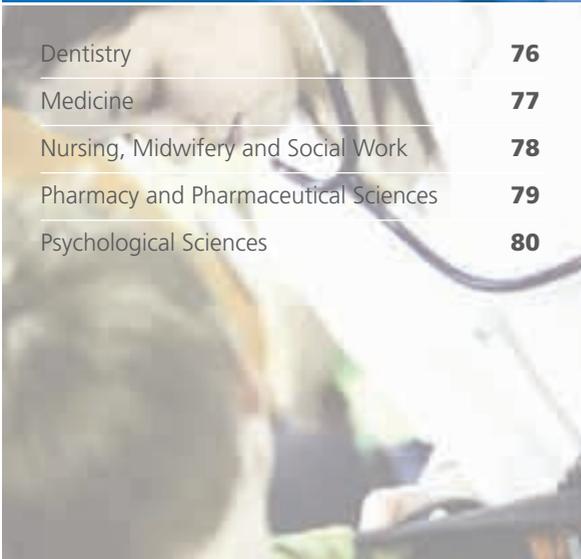
English language requirement:

IELTS 6.5 with no less than 6.5 in any component or equivalent.



Medical and Human Sciences

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Pharmacy and Pharmaceutical Sciences	79
Psychological Sciences	80





Medical and Human Sciences

Dentistry

www.manchester.ac.uk/dentistry

The School of Dentistry, consistently rated as one of the best dental schools in the UK, has a mission to be community focused with world-class developments in oral healthcare, research and education. The undergraduate course is recognised for its innovation, and the School was the first in the UK to introduce outreach clinical teaching, where students treat patients in the community. The School is also unusual for a UK dental school in that it is situated on the main university campus.

The bachelors degree (BDS) is a five-year course and is very competitive. You will need to have studied A-levels, IB or equivalent qualifications.

Please note that the government restricts international places on dentistry courses across the UK. The School can therefore only offer around 4 places per year to international (non-EU) applicants. International students cannot apply for the BSc in Oral Health Sciences. Holders of the BDS qualification can register with the General Dental Council.

More information

ug-dentistry@manchester.ac.uk

www.manchester.ac.uk/dentistry

Entry requirements

A-level: Dentistry BDS: Grades AAA. This must include Chemistry and Biology plus one further AS level at grade B or above.

IB: 34 points overall, including 7,6,6 in the Higher Level subjects, which must include Biology and Chemistry with 7 and 6 and 5,5,5 in the Standard Level subjects.

Students are also expected to meet GCSE or equivalent qualification requirements as outlined on the website.

Other Requirements:

You will also be required to take the UKCAT exam, if it is available in your country. If the UKCAT is not available in your country you must apply for UKCAT exemption. You will also need to be immunised against Hepatitis B, screened for Hepatitis B, Hepatitis C and HIV and be asked to complete a health questionnaire. You will be required to provide satisfactory Criminal Records Bureau Disclosure at enhanced level, or equivalent if you have never lived in the UK. All applicants are expected to have undertaken a period of work experience where they have observed a dentist working.

English language requirement:

IELTS 7.0, with no less than 6.5 in any one component.

Medicine

www.manchester.ac.uk/medicine

The School of Medicine is one of the largest in Europe and has a reputation for teaching and research excellence. The School works with four teaching hospitals in and around Manchester. The Manchester MB ChB is an internationally-recognised programme and one of the most advanced in the world. Small group learning, using clinical cases or problems, is one of the key learning methods with structured support throughout the course. The course incorporates clinical experience from the first year of study. This involves short periods in hospital and community settings, with the opportunity to meet patients, doctors and other health professionals and learn basic clinical and communication skills. Features like the European Study Programme, and opportunities to specialise with an additional “intercalated” degree, set the course apart. There are also many opportunities to become involved in research activities in the School. A standard five-year course is offered. If you do not have the necessary science qualifications, you may be considered for an additional foundation year (six years in total).

More information

ug-medicine@manchester.ac.uk

www.manchester.ac.uk/medicine

Entry requirements

Five year course

A-level: Typically AAA (all taken at the same sitting with no more than two years of study). The following subjects are required: Chemistry, plus one from Biology, Human Biology, Physics or Mathematics, plus one further academic subject (not Critical Thinking or General Studies).

IB: Major subjects must include Chemistry, plus Biology, Physics or Mathematics, plus one further academic subject. Any sciences not offer at Higher Level must be taken at Standard Level or at GCSE, or a referees' statement confirming proficiency at intermediate level in one unexamined science subject is accepted.

37 points are required overall including 7, 6, 6 at Higher Level including Chemistry and minimum 5, 5, 5 at Standard Level. If Maths and English Language are not offered as part of the Diploma, they should be offered at GCSE or IGCSE at grade B or above.

Foundation Year

A-level: Typically AAB (all subjects taken at the same sitting after no more than 2 years of study).

One of the following combinations is required:

- Three rigorous arts/humanities subjects
- Two rigorous arts/humanities subjects and one science subject
- One rigorous arts/humanities subject and two science subjects (not chemistry)

Critical Thinking is not accepted at A2. General Studies is not accepted at AS or A2. If applicants' predicted grades at A2 are below the School's requirements they must contact the office before applying.

The School expects at least four subjects to be taken at AS level excluding General Studies. Where the curriculum for some schools will only allow for three AS level subjects to be taken, these students will not be disadvantaged if written confirmation of this policy is provided by their school.

IB: Acceptable Higher Level subjects are

- Three arts/humanities subjects
- Two arts/humanities subjects and one science
- One arts/humanities and two science (but not Chemistry)

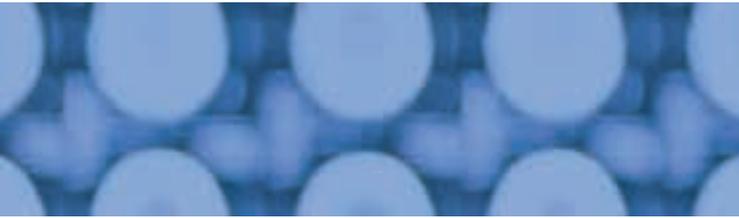
35 points are required overall to include core points with 6, 6, 6 at Higher Level and 5, 5, 5 at Standard Level.

If the science subjects are not taken at Higher Level they must be taken at Standard Level or GCSE, or a referee's statement confirming proficiency at intermediate level in one unexamined science subject is accepted.

You will also be required to take the UKCAT exam. Please contact the School for further information regarding qualifications.

English language requirement:

IELTS 7.0 with no less than 7.0 in each component in the same sitting. Applicants wishing to offer TOEFL qualifications, should contact the School for guidance.



Medical and Human Sciences

Nursing, Midwifery and Social Work

www.manchester.ac.uk/nursing

The School of Nursing, Midwifery and Social Work is a major centre of teaching, practical training and research. The School is located in brand new facilities at the centre of the campus, providing a world-class environment to deliver internationally-renowned courses. Courses both lead and are responsive to, advancements in health and social care research, policy, practice and education. The School is currently unable to accept applications from international students for pre-qualifying undergraduate courses due to the restrictions with the UK National Health Service (NHS). We are therefore only able to consider your application if you qualify for home fee status.

Nursing and Midwifery

The Nursing degree is a three year, full-time course that supports three nursing specialties: Adult Nursing, Mental Health Nursing and Child Nursing. The Midwifery degree course covers a wide range of topics related to the role of the midwife and prepares students to practice as qualified midwives. These Nursing and Midwifery programmes include a significant element of practice, learning through a variety of clinical placements. Graduates from these programmes are also eligible for professional registration as a qualified nurse or midwife with the UK Nursing and Midwifery Council (NMC).

More information

Nursing (degree):

ug-nursingbnurs@manchester.ac.uk

Midwifery: ug-midwifery@manchester.ac.uk

www.manchester.ac.uk/nursing/undergraduate

Entry requirements

A-level:

Adult Nursing: BBC, Children's Nursing: BBB, Mental Health Nursing: BCC

Midwifery: BBB

IB:

Adult Nursing: 28 points overall, Children's Nursing: 30 points overall, Mental Health Nursing: 28 points overall, Midwifery: 30 points overall.

All students must be classified as home fee status, undergo an Enhanced Criminal Record Bureau check and Occupational Health screening.

English language requirement:

IELTS 6.5 or equivalent.



Pharmacy and Pharmaceutical Sciences

www.manchester.ac.uk/pharmacy

The School of Pharmacy and Pharmaceutical Sciences is one of the most highly regarded centres of pharmacy in the world. In addition to leading expertise within the area, the School gains enormously from its position, unique within the UK, as part of a faculty comprising all the health professions, and from being part of the one of the largest universities in Europe. The four-year MPharm course provides you with not only a broad-based, scientifically strong education in pharmacy, but also with a high level of clinical expertise. You will gain the skills needed to enter all areas of the profession (e.g. community, hospital, industry) and adapt to changes that may occur during your career in this fast changing sector. By the end of the course, you will be conversant with the legal and professional aspects of pharmacy, able to communicate effectively and able to appreciate the professional and social role of the pharmacist.

During the first year of the course, teaching is within the School of Pharmacy and Pharmaceutical Sciences, whilst in the second, third and fourth years, students also have regular half-day visits to local hospitals where clinical sessions are held.

Upon successful completion of the MPharm degree, you will be recognised by the General Pharmaceutical Council (GPhC) as entitled to register as a pharmacist after completing one year of pre-registration training. A foundation year is also available to students who have completed 13-years of schooling prior to attending the University but in subjects inappropriate for direct entry into Pharmacy. Entry grades will be ABB-AAB (or equivalent). This is run in collaboration with Xaverian College (www.xaverian.ac.uk), a short walk from the main campus, alongside tutorials and laboratory classes in the University's School of Pharmacy and Pharmaceutical Sciences. Satisfactory completion of the end of year assessment leads on to the first year of the four-year course

More information

ug-pharmacy@manchester.ac.uk

www.manchester.ac.uk/pharmacy/undergraduate

Entry requirements

A-level: AAB-ABB (or equivalent), this must include Chemistry, either Mathematics or Biology, and one further rigorous academic subject.

IB: Successful completion of the Baccalaureate, 33-35 points overall including 6 in Chemistry, 6 and 5 in Mathematics and Biology, in any order, all at Higher Level. In some circumstances, standard level Mathematics may be considered if an applicant is taking Higher level Chemistry, Biology and English Language and presents an overall strong application.

English language requirement:

IELTS 7.0 or equivalent.

Medical and Human Sciences

Psychological Sciences

www.manchester.ac.uk/psych-sci

The School of Psychological Sciences is a multi-disciplinary centre for research and teaching in Human Psychology and communication. The School has recently been extensively re-equipped with state-of-the-art facilities including research laboratories and computer systems. All courses integrate theoretical and practical approaches to the discipline, and some also incorporate clinical training.

The BSc Psychology course gives you a comprehensive overview of the central topics of psychology. Additionally, you will be trained in the skills required to carry out psychological investigations by means of practical classes and instruction in research methods, statistics and the use of computers. The course is accredited as conferring eligibility for Graduate Membership of The British Psychological Society and the Graduate Basis for Registration. The latter is the first step towards becoming a Chartered Psychologist.

The School also offers courses in Human Communication. The BSc Healthcare Science (Audiology) is a three-year course. The four-year BSc Speech and Language Therapy course is designed to allow you to become a professional speech and language therapist and provides you with eligibility for membership of the Royal College of Speech and Language Therapists. The School is currently unable to accept applications from international students for undergraduate courses in Human Communication due to restrictions within the UK National Health Service (NHS). We are therefore only able to consider your application if you qualify for home fee status.

More information

Audiology:
ug-audiology@manchester.ac.uk

Psychology:
ug-psychology@manchester.ac.uk

Speech and Language Therapy:
ug-slt@manchester.ac.uk

www.manchester.ac.uk/psych-sci/undergraduate

Entry requirements

A-level:

Psychology: AAB-ABB.

IB:

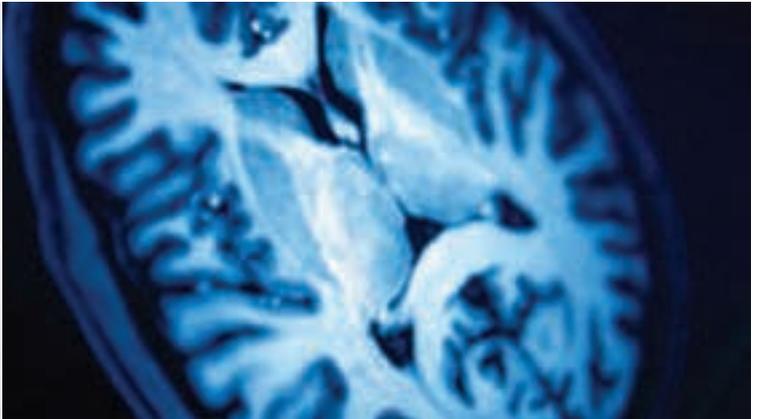
Psychology: 33 points overall.

English language requirement:

Psychology: IELTS 6.5 or equivalent.

Other course options

You may also wish to consider programmes offered by the Faculty of Life Sciences including Neuroscience (see page 70).



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Aerospace Engineering MEng	H402	44
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Anatomical Sciences BSc	B110	70
Anatomical Sciences with a Modern Language BSc	B114	70
Anatomical Sciences with Industrial or Professional Experience BSc	B111	70
Ancient History BA	V110	50
Ancient History and Archaeology BA	VV14	50
Applied Community and Youth Work Studies BA	L590	53
Arabic Studies BA	T624	57
Archaeology BA	V400	50
Archaeology and Anthropology BA	VL46	50
Archaeology and Art History BA	VV43	50
Architecture BA	K100	54
Artificial Intelligence BSc	G700	37
Artificial Intelligence MEng	G702	37
Artificial Intelligence with Industrial Experience BSc	G701	37
Audiology BSc	B610	80
Biochemistry BSc	C700	70
Biochemistry with a Modern Language BSc	C705	70
Biochemistry with Industrial or Professional Experience BSc	C701	70
Biology BSc	C100	70
Biology with a Modern Language BSc	C106	70
Biology with Industrial or Professional Experience BSc	C101	70
Biology with Science and Society BSc	C1V3	70
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Biotechnology BSc	C560	70
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Business Studies BA(Econ)	N100	59
Business Studies and Economics BA(Econ)	NL11	59
Business Studies and Politics BA(Econ)	NL12	59
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Cell Biology BSc	C130	70
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Chemical Engineering BEng	H800	35
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Chemical Engineering (Business Management) MEng	HN82	35
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Chemical Engineering with Chemistry MEng	H8F1	35
Chemical Engineering with Environmental Technology MEng	H8F8	35
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Chemical Engineering with Study in Europe MEng	H810	35
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Chemistry with Forensic and Analytical Chemistry MChem	F1F4	36
Chemistry with Industrial Experience MChem	F101	36
Chemistry with Medicinal Chemistry BSc	F150	36
Chemistry with Medicinal Chemistry MEng	F152	36
Chemistry with Patent Law MChem	F1M2	36
Chemistry with Study in Europe MChem	F102	36
Chemistry with Study in North America MChem	F103	36
Children's Nursing BNurs	B730	78
Chinese and Japanese BA	TT12	56
Chinese and Japanese MML	TT1F	56
Chinese and Linguistics BA	TQ11	56
Chinese and Screen Studies BA	TW16	56
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Classical Studies BA	Q810	50
Classics BA	Q800	50
Classics and Ancient History BA	QV81	50
Cognitive Neuroscience and Psychology BSc	BC18	70
Cognitive Neuroscience and Psychology with Industrial or Professional Experience BSc	BCC8	70
Comparative Religion and Social Anthropology BA	VL66	53
Computer Science BSc	G400	37
Computer Science MEng	G401	37
Computer Science and Mathematics BSc	GG14	37
Computer Science and Mathematics with Industrial Experience BSc	GG41	37
Computer Science with Business and Management BSc	G4N2	37
Computer Science with Business and Management with Industrial Experience BSc	GNK1	37
Computer Science with Industrial Experience BSc	G405	37
Computer Systems Engineering BEng	HH66	37
Computer Systems Engineering MEng	GH4P	37
Computer Systems Engineering with Industrial Experience BEng	HHQ6	37
Computing for Business Applications BSc	G510	37
Computing for Business Applications with Industrial Experience BSc	G511	37
Criminology BA	M901	58
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Dentistry (first-year entry) BDS	A206	76
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Development Studies BA(Econ)	L900	63
Development Studies and Economics BA(Econ)	LL91	63
Development Studies and Politics BA(Econ)	LL92	63
Development Studies and Sociology BA(Econ)	LL93	63
Developmental Biology BSc	C141	70
Developmental Biology with a Modern Language BSc	C1R9	70
Developmental Biology with Industrial or Professional Experience BSc	C143	70
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Economics and Politics BA(Econ)	LL12	63
Economics and Sociology BA(Econ)	LL13	63
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Electrical and Electronic Engineering with Industrial Experience BEng	H606	40
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Electronic Engineering MEng	H604	40
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English Literature BA	Q320	51
English Literature and a Modern Language (French) BA	RQ13	57
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English Literature and a Modern Language (Spanish) BA	RQ43	57
English Literature and American Studies BA	QT37	51
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Management (Innovation, Sustainability and Entrepreneurship) BSc	N200	60
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Mechanical Engineering BEng	H300	45
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Mechanical Engineering with Industrial Experience MEng	H301	45
Mechanical Engineering with Management BEng	H3N1	45
Mechanical Engineering with Management MEng	H3ND	45
Mechanical Engineering with Nuclear Engineering BEng	H3H8	45
Mechanical Engineering with Nuclear Engineering MEng	H3HV	45
Mechatronic Engineering BEng	HH36	40
Mechatronic Engineering MEng	HHH6	40
Mechatronic Engineering with Industrial Experience BEng	HH63	40
Mechatronic Engineering with Industrial Experience MEng	HHP3	40
Medical Biochemistry BSc	C724	70
Medical Biochemistry with Industrial or Professional Experience BSc	C741	70
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Spanish and Chinese BA	RT41	57
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Spanish and Japanese BA	RT42	57
Spanish and Japanese MML	RT4F	57
Spanish and Portuguese BA	RRK5	57
Spanish and Screen Studies BA	RW46	57
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Speech and Language Therapy BSc	B620	80
Study of Religion and Theology BA	V600	53
Textile Design and Design Management BSc	J4W2	42
Textile Science and Technology BSc	JJ49	42
Textile Technology (Business Management) BSc	J4NF	42
Theological Studies in Philosophy and Ethics BA	V610	53
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Town and Country Planning MTCP	K400	55
Zoology BSc	C300	70
Zoology with a Modern Language BSc	C303	70
Zoology with Industrial or Professional Experience BSc	C301	70

Please note: All of our undergraduate programmes are honours (hons) degrees.

Important information

Equality and diversity

The University has a comprehensive Equality and Diversity policy covering admissions, all aspects of teaching and examining, and access to University benefits, facilities and services.

Further information and confidential advice and guidance are available from the Equality and Diversity Office:

tel +44 (0)161 306 5857

minicom +44 (0)161 306 5870

email equalityanddiversity@manchester.ac.uk

www.manchester.ac.uk/equalityanddiversity

Disability support

The University welcomes applications from people with additional support needs as a result of a long-term medical condition, mental health difficulty, disability or specific learning difficulty, eg dyslexia, dyspraxia. All such applications are considered on exactly the same academic grounds as other applications.

If you are a candidate with additional support needs, you can contact the Admissions Officer of the School in which you are interested. Alternatively the University Disability Support Office (DSO) can offer confidential advice and you can discuss any support needs you may have, the arrangements which may be necessary, and the extent to which appropriate support may be available. In addition to supplying information, a member of the DSO will be pleased to meet you by prior arrangement, if you would like to discuss your requirements personally.

tel +44 (0)161 275 7512/8518

minicom +44(0)161 275 2794

fax +44(0)161 275 7018

email dso@manchester.ac.uk

www.manchester.ac.uk/disability

Terms and conditions

Further information concerning the terms, conditions, governance and regulations regarding admission are available on

The University of Manchester website

www.manchester.ac.uk/undergraduate/howtoapply/accepting

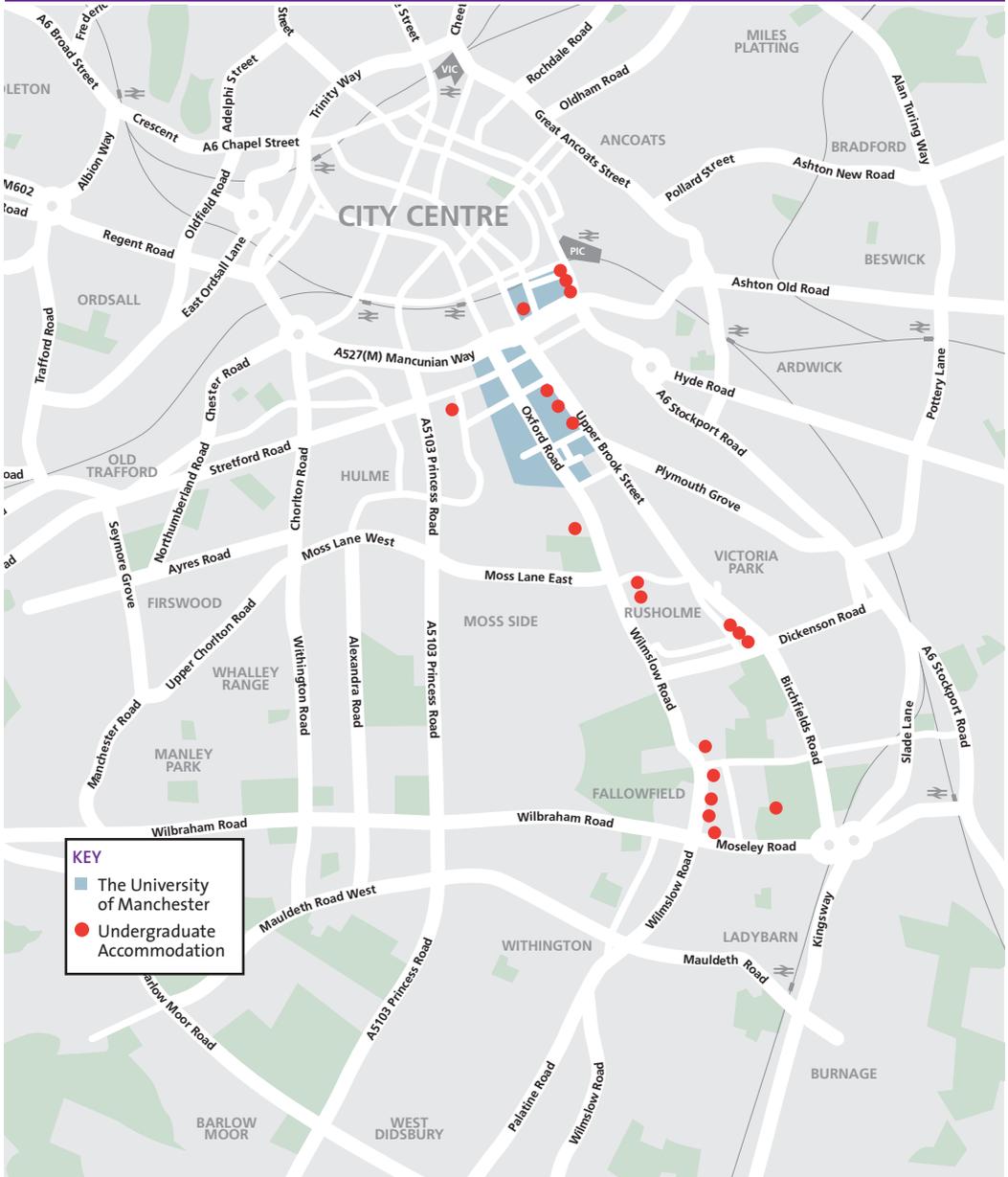
You are encouraged to review this page before accepting an offer at The University of Manchester.

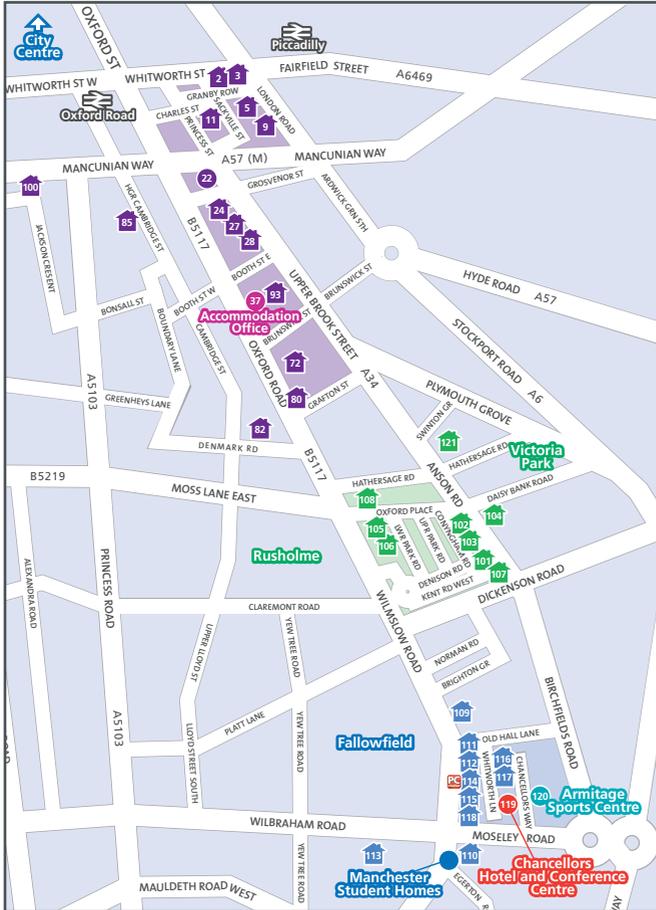
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Maps

Manchester and the University





- 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 
- 103 Pankhurst Court
- 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



UK map

Useful weblinks



Undergraduate courses and information
www.manchester.ac.uk/undergraduate

Information for international students
www.manchester.ac.uk/international

Qualification equivalency
www.manchester.ac.uk/international/country

Careers and employability
www.studentnet.manchester.ac.uk/careers

University accommodation
www.manchester.ac.uk/accommodation

English Language courses
www.manchester.ac.uk/langcent



Further reading

University and Colleges Application Service (UCAS)
www.ucas.com

Manchester Tourism
www.visitmanchester.com



[www.twitter.com/
admissionsuom](http://www.twitter.com/admissionsuom)



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