



Welcome

to The University of Manchester

Dear Student,

I would like to take this opportunity to extend to you a very warm welcome to The University of Manchester. Choosing the right university to meet your study abroad needs, hopes and expectations can be a considerable challenge, albeit an exciting one. It is important that your study abroad experience places you in an academically stimulating environment that is also culturally enriching and offers a wealth of opportunities for expanding your personal horizons. I hope that in the pages that follow you will find a helpful introduction to The University of Manchester and the academic, social and cultural opportunities that it offers.

The University of Manchester is one of Britain's most famous civic universities with a rich heritage of cutting-edge innovation and enterprise stretching back more than 180 years. Many of the major advances of the 20th century began at the University, including work by Rutherford leading to the splitting of the atom, and the development of the world's first modern computer in 1948. Not only are study facilities first class but in the Whitworth Art Gallery, the Manchester Museum and the Contact Theatre you can spend your lunchtime gazing at a Hockney, marvelling at astonishingly-preserved Egyptian mummies or seeing some of the best of contemporary theatre. The University – like Manchester itself – is a truly cosmopolitan community which last year welcomed students from almost 180 different nations. The vibrant campus and energy of the surrounding city creates an environment that provides an exciting place to live, study and explore. The famous Lake District is less than two hours away, and two hours on the train in the opposite direction takes you into central London.

I am glad that you are considering studying at The University of Manchester and hope that we will soon be welcoming you here in person.

Professor Alan Gilbert
President and Vice-Chancellor



Anu Vasudevan
Wellesley College, USA

"My time in Manchester was one of growth and development, and new experiences. I'll always cherish my memories of England and especially of Manchester, from the people to the vibrant city life, to all the opportunities for travel. I can't wait to go back!"



The University of Manchester is one of the top universities in Europe and indeed in the world, internationally recognised for both its teaching quality and research excellence. The University has teaching and research in more subjects than any other single-site British university, and as a consequence of our academic structure we are able to offer a very wide range of courses to students who choose to study abroad here.

The largest single-campus university in the UK, we provide students with some of the best university facilities in the country. The John Rylands University Library (JRUL) is the largest non-legal-deposit academic library in the country. The JRUL provides a large number of services and resources, including the most extensive range of electronic resources of any UK higher education library. Manchester is now the most powerful university computing centre in the United Kingdom and one of the largest supercomputer centres in the world. We are also home to the award-winning Manchester Museum, the superb Whitworth Art Gallery, the Radio-Astronomy Science Centre at Jodrell Bank, and the University's innovative Contact Theatre. The current £650 million investment plan is enhancing the University's excellent facilities further with an array of new developments including state-of-the-art laboratories.

As a student here you will be well catered for – and you can be certain that you will be studying at a University with a long and distinguished record of academic achievement. Twenty two of our former staff and students have gone on to become Nobel Prizewinners and our graduates include: novelist Anthony Burgess, philosopher Wittgenstein, flight pioneer Arthur Whitten-Brown, and women's rights campaigner Christabel Pankhurst. As a student at The University of Manchester you can have the confidence of belonging to an academic community of distinction, with over 35,000 students drawn from across the world, and more than 5,500 academic and research staff, including many with international reputations in their subjects.

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Studying at **Manches**

If you are currently enrolled as a degree-seeking student at any accredited university or college of higher education outside of the United Kingdom, you can apply to spend a semester or full year here at The University of Manchester. There are two main options available.

Traditional Study Abroad programme

If you are currently studying at a university outside the UK with whom Manchester does not have a reciprocal exchange agreement, you can apply to join our Study Abroad programme for a single semester or full academic year, usually earning credit towards the degree you will receive from your home university. Students find that spending a period of study at one of the world's best universities is not only a great experience in and of itself, but also enhances their academic insights, employability and life skills.

You can choose from a wide range of subjects to construct your academic Study Abroad programme. You can apply to join us directly, using the application materials inside this Guide; via Arcadia or Eurolearn (US students); or (where we are an approved/sponsored programme) via your home university's Office of International Programmes.

Students joining the Study Abroad programme will pay tuition fees for their study at Manchester.

Marcus Potts

Brown University, USA

"Whilst a student at Brown University, I never expected to study abroad for a semester at The University of Manchester. It is ironically true when Forrest Gump said, "life is like a box of chocolates, you never know what you're gonna get." Initially having other reasons to study abroad, Manchester became more than I anticipated.

"With Manchester as the second largest city in the UK, there were plenty of activities and events to dive into (e.g. watching premiership football games, playing football at various locations, attending concerts and taking a night out at the pub) while simultaneously having plenty of time to rest and relax when needed. When it comes to the level of difficulty for the coursework, it is subjective but a consensus is that one learns a great deal from the lectures due to the proficiency of the professors. With a reputable history as the home of so many Nobel Prize laureates, the university is indeed a place of academic excellence - notable for having a quality of education that rivals the top universities in the country and the world.

"From my experience in Manchester, I have been reminded to 'carpe diem' because you truly don't know what you're gonna get. Furthermore, if you were in my shoes, one would agree that Manchester is a place where "time flies when you're having fun". Summarily, my student experience - the concerts, football games, pubs, the academics and much more - was the experience of a lifetime that I will never forget."

Michelle Domingo

The University of Scranton, USA

"To leave one's comfort zone and study at a foreign university can be a daunting experience. The University of Manchester has not only made the transition comfortable but enjoyable, to say the least. Studying abroad in Manchester has been an incredible experience and one of the best decisions I have ever made. I came to Manchester in an effort to gain a different cultural perspective, academically and socially, but I received so much more than I anticipated. The University of Manchester competes with some of the most elite universities in the United Kingdom and the education you receive whilst here is indispensable.

"The Stone Roses once wore shirts that said, "on the seventh day God created...Manchester" and though I smile as I write this statement, living in Manchester has sincerely been an unforgettable experience and I find myself wholeheartedly agreeing with the 1980's band. Thus I propose, leave your comfort zone - ease yourself into the Mancunian lifestyle consisting of double decker buses, Manchester United, and an infinite love for Morrissey. I promise you it will be an experience you will never forget."



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Exchange programme (for those from non-EU countries)

The University of Manchester has exchange partners around the world. These partnerships enable eligible students based at these partner universities to spend either a year or semester with us, usually without independently paying any fees to The University of Manchester.

Current exchange partners are:

ARGENTINA

Universidad Del Salvador

AUSTRALIA

Australian National University
The University of Melbourne
The University of Queensland
The University of Sydney

BRAZIL

Universidad Federal da Paraiba
Universidad de Sao Paulo

CANADA

McGill University
Queen's University*
University of Calgary (Civil Engineering)
University of Toronto

CHILE

Pontifica Universidad Catolica de Chile

CHINA

Beijing Normal University (Humanities)
East China Normal University (Humanities)
Fudan University (Humanities)
Nanjing University (Humanities)
Renmin University (Humanities)
Shandong University (Humanities)*
Sun Yat-Sen University (Humanities)
Tsinghua University
Zhejiang University (Humanities)

HONG KONG

Chinese University of Hong Kong (Humanities)
Hong Kong Polytechnic University (Textiles)
University of Hong Kong

INDIA

National Institute of Fashion Technology
(Textiles)

JAPAN

Kansai Gaidai University (Humanities)
Kansai University (Humanities)
Keio University (Humanities)
Kobe University (Humanities)
Kwansei Gakuin University (Humanities)
Kyoto University
Meiji Gakuin University (Humanities)
Ochanomizu University (Humanities)*
Osaka University (Humanities)
Rikkyo University (Humanities)
Ritsumeikan University (Humanities)
Tokyo University of Foreign Studies (Humanities)
Waseda University (Humanities)

KOREA

Seoul National University

MEXICO

Universidad de las Americas, Puebla

NEW ZEALAND

University of Auckland

SINGAPORE

Nanyang Technological University
National University of Singapore
Singapore Management University (Law)

TAIWAN

National Taiwan University (Humanities)

URUGUAY

Universidad ORT Uruguay

UNITED STATES OF AMERICA

Arizona State University
SUNY - Stony Brook (Life Sciences)
University of California
University of Illinois - Urbana-Champaign
University of Maryland - College Park
University of Massachusetts - Amherst
University of Missouri - Columbia
University of North Carolina - Chapel Hill
North Carolina State University (Textiles)
University of Tennessee - Knoxville
Wellesley College

European exchanges

We also have departmental exchange partnerships with many European universities under the Erasmus scheme. Separate literature is available detailing this exchange option – please enquire for further details.

*New exchange partnership under negotiation
at time of print



Studying at **Manches**

Special Programmes

We have a number of special programmes, available to both study abroad and exchange students. These programmes include a focus on a particular pathway, and are designed to equip students with specific skills in a range of areas.

English Language pathway - NEW

This programme is for students whose first language is not English, and is particularly popular with students from Japan, China and Korea. It is similar to the standard study abroad option, except that you also undertake a period of English language study with us before or during your main year/semester academic programme.

There are two routes available for students undertaking the Study Abroad with English Language pathway.

Route 1: Integrated route

Students undertake one semester of credit-bearing English language study, followed by one semester of academic study. The English language study in semester 1 covers grammar, vocabulary, listening, speaking, reading, writing and study skills, as well as target modules specific to a student's personal, professional or academic needs.

This route means that students undertake a full academic year of study at The University of Manchester and therefore pay the standard academic year study abroad tuition fee.

Students must have a minimum IELTS score of 5.5/TOEFL score of 527 (197 on the computer based test, or 71 on the internet based test).

Route 2: Extended route

Students undertake a 5 or 10 week period of non-credit bearing English language study prior to undertaking their main academic programme. The course enables students to develop their academic listening, speaking, reading and writing skills. The extended route is a particularly suitable option for students whose current English language score is only marginally below the University's English language entry requirement for entry to the standard Study Abroad and exchange programmes.

This route means that students can undertake a full year of academic course units (plus an additional 5 or 10 weeks), or a single semester of academic course units (plus an additional 5 or 10 weeks). Students therefore pay the standard study abroad tuition fee for either the full year or one semester, PLUS an additional fee for the 5 or 10 week English language study. Details of the additional fees can be found here: www.langcent.manchester.ac.uk/english/full-time/pre-sessional/.

The language study component for both routes is carried out in the University Language Centre (ULC) at The University of Manchester.

To apply for the Study Abroad with English Language pathway, simply complete our standard application packet, ticking the relevant box on page 1 of the application to indicate for which route you are applying.

Pre-Law pathway

Interested in applying to a US Law School for Graduate study?

The University of Manchester School of Law offers a study abroad pathway aimed specifically at US-based students who wish to spend one or two semesters of their junior or senior year studying law at one of the leading schools in the UK.

The programme is designed for US-based undergraduate students who are studying politics, philosophy, history, international relations, economics, business, criminology, or any other related undergraduate subject and are thinking about applying for admission to law school in the US. Unlike the US, law is an undergraduate degree in the UK, and students admitted to the programme will have the opportunity to take the same law courses that students in the UK take as part of their qualifying degree. All law school courses that do not have a specific pre-requisite in law will be open to students participating in the programme. This includes basic legal courses such as contracts, torts, criminal law, constitutional law, EC law; and legal method, as well as more advanced legal courses such as jurisprudence, environmental law, law and ethics in war and warfare, law, literature and art, sociology of law, and gender and the law. The programme will give students the opportunity to explore their interest in the law, experience actual law school courses, and better prepare themselves both for law school in the US and the US law school admissions process. Students may also take up to one course per semester offered by another School in the University.

For further details on this Pre-Law pathway, please visit www.manchester.ac.uk/international/studyabroadandexchanges/studyabroad/prelaw



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Leadership and Service pathway

The University of Manchester offers a special pathway for students who want more than just academic credit during their time in the UK.

Students who are undertaking a year/semester abroad at Manchester can select the 'Study Abroad plus Leadership and Service' option, which enables them to engage with British life and society and undertake service learning alongside their academic study.

The taught leadership element of the programme helps students understand the importance of sustainable leadership that promotes environmental care, social justice and prosperity. It provides an insight into the key challenges facing 21st century leaders and the opportunity to engage with leaders and others in the local community. Participants can gain a real insight

into, and understanding of, British life and society through undertaking a period of voluntary work with a local community group/project.

The Study Abroad plus Leadership and Service pathway comprises three elements:

- 1 Up to 50 credits of academic study towards your home university degree
- 2 An additional 'Leadership in Action' unit – an accredited (10 or 20 credit) degree course unit covering topics such as 21st Century Leadership; Social Entrepreneurship; Corporate Social Responsibility; Poverty, Globalisation and Environmental Degradation; and Sustainable Urban Development
- 3 Service Learning activity –
60 hours in total for the Gold Award
40 hours in total for the Silver Award
20 hours in total for the Bronze Award

How to apply for Study Abroad plus Leadership and Service

- 1 Complete a Study Abroad application pack (this can be found stitched into the centre of this Guide)
- 2 Identify the Leadership in Action unit as one of your course choices
- 3 Download and complete an additional Study Abroad plus Leadership & Service application form (available from www.manchester.ac.uk/international/studyabroadandexchanges/servicelearning)
- 4 Both your application packet and your separate Leadership and Service application form should then be returned to the Study Abroad Unit

Interested in Summer Study?

The University of Manchester currently offers three Summer Schools for students who are looking for a short period of study abroad. Please note that each Summer School has their own independent application forms and procedures, and students should NOT complete the standard study abroad application forms to apply for any of these courses. Please visit the websites indicated for details of how to apply.

Creative Writing Summer School

This programme allows students to spend their summer studying creative writing and British and Irish literature during this academically rigorous four-week summer school in June/July. Features include:

- A gala event featuring world-famous novelist Martin Amis
- Guided trips to literary sites in London, the Lake District and the Yorkshire Moors
- Readings and Q&A sessions with visiting novelists and poets
- Creative Writing workshops led by published writers

For further details, application forms and costs, please visit: www.manchester.ac.uk/arts/newwriting/events/summerschool/

European Business Summer Study Programme

This five-week long programme helps students understand the European political, economic and social environment, and is designed for business, management, law and international relations students who wish to work in international management. It is taught in the UK, France, Spain and the Czech Republic, and helps students understand business activities, firms and structures within the EU and Eastern Europe through a combination of teaching, coursework, company visits and practitioner input.

For further details, application forms and costs, please visit:

www.mbs.ac.uk/executive/centres/europeancentre/european-summer-study.aspx

English Language International Summer School

This intensive general English course is designed for students who wish to improve their overall English language skills with a focus on oral communication. In addition, there is a cultural element involving visits to areas and places of local interest. The course covers 11 weeks and it is possible to commence study on any Monday during the designated study period for a minimum period of 3 weeks.

For further details, application forms and costs, please visit:

www.langcent.manchester.ac.uk/english/full-time/international%20summer%20school/



Manchester

cultural capital of the north

Why choose Manchester? You couldn't choose a better place to be a student! The City is home to the largest student population in Western Europe, and the University itself is at the heart of Manchester, so the city centre will play a big part in your life during your time with us.

Sounds of the City

Musically, the city cannot be surpassed. This is the city responsible for Oasis, New Order, The Smiths, Take That, Badly Drawn Boy, and countless others. Classical music lovers also have a wide choice including the Bridgewater Hall (where the Hallé and the BBC Philharmonic orchestras perform) and the Royal Northern College of Music. For those that prefer more sax in their city, check out the latest jazz sounds at Band on the Wall or Matt and Phreds. Bigger names play at The Academy, on campus right next to the Students' Union, meaning you can conveniently collect rock stars' signatures on the back of lecture notes.

Theatre and Film

Theatre and film is at the heart of Manchester's cultural scene. The University's own theatre and arts venue, Contact, won the Art04 Award for outstanding achievement. Manchester is also the true cine city. As well as swarms of multiplex cinemas, there's the Cornerhouse cinema only a short walk from the University – which tends to show more leftfield, foreign and arthouse flicks. They also enlist directors and prominent commentators regularly for a post-film tête-à-tête and workshops. Kinofilm, the renowned multicultural Manchester International Short Film Festival is held in October.

Sport

Manchester is home to world class sports facilities such as the city of Manchester Stadium, the National Squash Centre, the North West Regional Basketball Centre and Manchester Velodrome (Britain's only indoor Olympic cycle track), which were all venues for the 2002 Commonwealth Games. Manchester United are probably the city's most famous export – their Old Trafford football ground seats around 76,000 and is the largest club ground in Britain. Cricket enthusiasts can check out rising stars at Lancashire's Old Trafford ground.

For those who prefer to play sport, the University Athletics Union offers clubs from Archery to Yachting; in addition, there are many local amateur teams that welcome students. As you would expect with a city of massive sporting reputation, the campus has many excellent sports facilities all offering student discounts. For example, the Manchester Aquatics Centre, which was purpose built for the 2002 Commonwealth Games, is one of our premier sports facilities with state-of-the-art pools and a large fitness suite. Also on campus, you'll find the modern Sugden Sports Centre and near to Owens Park halls of residence is the Armitage Centre with facilities for five-a-side football, badminton, squash, martial arts and weight-lifting.

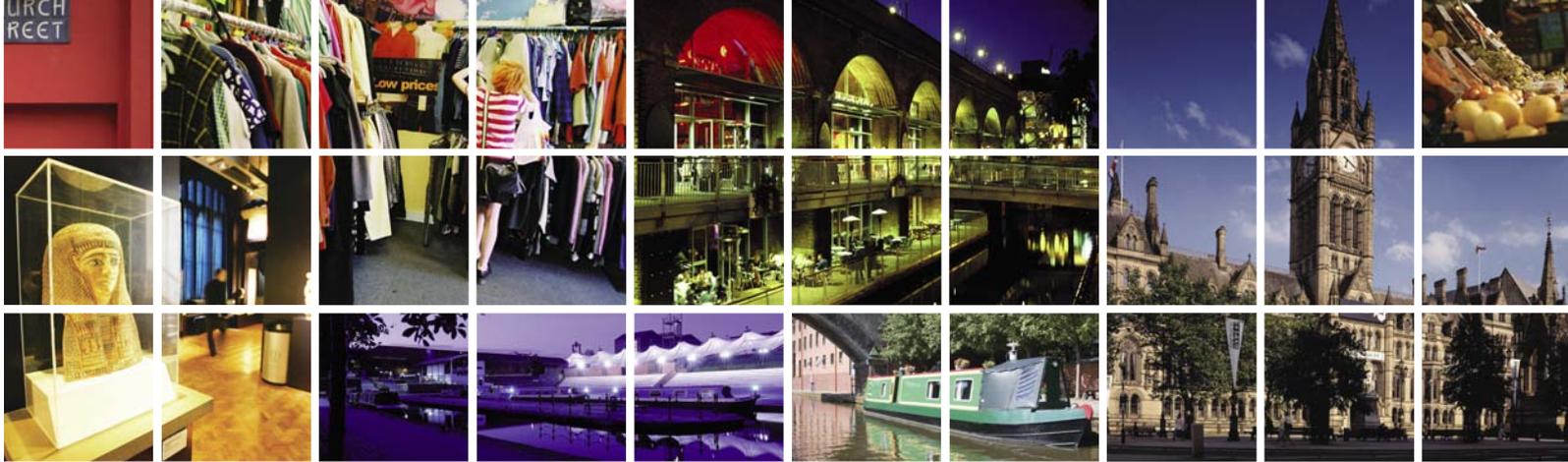
Art and Museums

Manchester's galleries and museums are world class. The University of Manchester's Whitworth Art Gallery is home to an impressive range of watercolours, prints, drawings, modern art and sculpture, as well as the largest collections of textiles and wallpapers outside London. Other popular galleries in Manchester include The Lowry, the award-winning Manchester Art Gallery, the contemporary Cube gallery and the Chinese Arts Centre. Located on campus the University's own Manchester Museum has won plaudits and awards, and like many in the city, offers free entry. The Imperial War Museum North, the Museum of Science and Industry, and Urbis are also not to be missed.

Leigh Hubbard

University of California Berkeley, USA

"One of the best aspects of my experience was that I never knew what to expect. How could you in a city where you're surrounded by museums and art galleries, privy to some of the best professional football in Europe, staggered by the sheer number and variety of pubs and clubs overflowing with people, and surrounded by students from every corner of the globe imaginable?"



Fashion flare

You may not be a student of Fashion Retailing, but you'll probably still be pleased to know that Manchester has an enviable range of big high street and designer names, bargain boutiques and chic boulevards. Selfridges, Harvey Nichols, Patrick Cox, Vivienne Westwood, Armani, DKNY, Hugo Boss and Paul Smith all have sprawling stores in the city centre. The nearby Trafford Centre – a 150 acre out-of-town shopping and leisure mall – is also home to around 280 high street and designer outlets. Many students also enjoy browsing in Afflecks Palace and other second hand and independent stalls in the city's Northern Quarter.

Taste sensations

Manchester is a truly cosmopolitan city. Waves of immigrant communities – German, Jewish, Irish, Italian, West Indian, Chinese, Indian and Pakistani to name but a few – have nestled snugly into the city, adding their customs and cultures to the melting pot. Check out Rusholme's Curry Mile, a yellow brick road of neon-lit restaurants. As the name suggests, Rusholme's bhangra-blaring music shops and exotic fruit and veg stores aren't the real reason for its fame. Each week, 15,000 people flock here to savour curry in the 50 or so outlets that make up Europe's highest concentration of Asian eateries. Aside from Greek, Italian and Armenian cuisine, there's also the bustling Chinatown centred around the impressive Ming Dynasty Imperial Arch, with famous restaurants such as Charlie Chans and Yang Sing.

If you want to cook for yourself and you want something other than traditional English food, you'll be able to find a range of international food including Halal and Kosher products in areas like Chinatown and Rusholme (which has a large Asian community) and in most supermarkets. There is a large Chinese supermarket just five minutes walk from the University and there are vegetarian and international cafés on campus. There are regular Farmers' Markets selling fresh, local produce, and seasonal European and international Markets visit the city on a regular basis.

Religions and Faiths

Manchester is a large cosmopolitan city, with places of worship for the vast majority of faiths and religions available on campus and in the city. There are two chaplaincy centres for the major Christian churches on campus. St Peter's House provides Chaplains for the Anglican, Baptist, Methodist and United Reformed Churches, while the Roman Catholic Chaplaincy is at Avila House.

Two Prayer Rooms are provided on campus, and a number of Mosques are conveniently located near to the University and student areas.

There are many Buddhist Centres across the city, various Jewish synagogues, and facilities for Sikh and Hindu worship close to the popular residential areas for students. There are also student societies for many of the major religions.

Location, Location, Location

While Manchester has a beguiling way of claiming your heart, we know that you will want to explore beyond the city and even perhaps beyond Britain whilst you are studying with us. Because of its prime location on the national and international network of airline routes, rail links and motorways, Manchester operates as a gateway to all areas of the country and to the rest of Europe. There are direct flights from Manchester International Airport to all major European cities. Closer to Manchester you can find the Lake District National Park and Snowdonia National Park, and closer still beautifully maintained country houses and parkland dating from as early as the 15th century.

Weather in Manchester

Like the rest of the UK, the weather in Manchester can be described as 'changeable'. Manchester however has a more temperate climate than the east of England, for example. In the summer, you can expect long sunny days, when students like to make use of the green areas on-campus and the many parks that are nearby. The winter months can be cold with occasional light snowfall, and rain can fall at any time of year, so pack an umbrella!

FACTS ABOUT MANCHESTER

Population Greater Manchester: 2.5 million

Number of passengers using Manchester Airport each year 19 million

Theatre/cultural Seats 43,593

Professional orchestras 3

Nightclubs 164

Galleries/Museums 61

Cinema screens 159

Number of local pop acts since 1960 to sell two million albums or more 23

Professional Football Clubs 8

Sports seats in professional stadia 348,636

Natural/regional cuisines 35

Languages spoken 40

Number of major independent breweries 4

Number of microbreweries 12

Number of UFO Landing Sites 1

Source

www.manchesteronline.co.uk/tourist/greatermanchesterstatistics



Support at The University of Manchester

Accommodation

The University offers you a wide range of residential accommodation, ranging from modern self-catering apartments through to traditional collegiate-style halls of residence. Your residence is the place where you'll meet new friends and spend a lot of your free time. They are self-contained communities with their own bars, common rooms and a hectic programme of social activities. Additionally, halls of residence have their own sports teams – rugby, hockey, cricket, netball and squash are just some of the sports available – and some have other social groups in-house – orchestras, choirs, drama and other societies.

More information about housing can be found on the Accommodation Office's website:
www.manchester.ac.uk/accommodation

Students studying abroad at Manchester for a year are guaranteed a room in University accommodation, whilst students coming for one semester only, although not guaranteed accommodation, will almost certainly be allocated University accommodation under normal circumstances. Some halls have specially adapted flats or rooms for students with a disability and some catered halls are able to assist if you have special dietary requirements.

Please note that in catered residences, catering is not provided during University vacation periods.

Students' Union

The University of Manchester Students' Union is an organisation run by and for all students at The University of Manchester – it is autonomous from the University and is democratically controlled at all levels by students. It exists to provide cultural, recreational, educational support and representation for all its members.

A myriad of societies, run by and for students, are organised within the Students' Union. Whether you're into Hiking or Hung Kuen Kung Fu, you're sure to find at least one that appeals to you. If you fancy yourself as a journalist then 'Student Direct' – the official weekly student newspaper for all Manchester universities – could be the springboard to such high-minded ambitions. The newspaper's standard is high – contributors are regular winners of the coveted Guardian Student Media awards. But even if you're a journalistic beginner, your opinion and writing matters; the newspaper's ethos is to welcome contributions from all students. The same goes for Fuse FM, the University's radio station. Many who get involved here end up presenting or producing their own radio show. And, if you want to make the news rather than cover it, then the prospects are also abundant. Many eminent politicians and lobbyists come through the ranks of student politics, and in the last few years The University of Manchester Debating Society has established itself as one of the most highly-rated in the country.

Safety and security

The University makes student safety one of its highest priorities: CCTV cameras are sited throughout campus areas and at each hall; security guards man campus entrances and patrol hall grounds twenty-four hours a day; and every hall has a swipe-card entry system.

Airport collection

The University runs an Airport Collection Scheme in September each year. The service, which is free of charge for new students, is designed to give all new international students a warm welcome to the University and the city of Manchester.

A team of international student volunteers, based at Manchester International Airport, will help you get to your accommodation and answer any questions you may have.

Orientation course

To help you find your feet in your new environment the University offers an orientation course for all new international students, including sessions specifically tailored to students who are studying abroad for a semester or a year at the University.

In addition, all students receive an arrival guide which contains a wealth of practical information to help you prepare for your time at the University.



Study Abroad Unit



Dr Caroline Whitehand
Study Abroad Manager,
Study Abroad Unit

We're delighted that you're considering Manchester for your period of study abroad. We welcome hundreds of students from all across the world to the University each year and we look forward to seeing you in the near future!

The Study Abroad Unit is dedicated to dealing with the needs of students studying abroad at The University of Manchester and offers a single point of contact to deal with all aspects of your period of study, both before and after you arrive. We deal with applications, the study abroad mentor scheme, academic advising, transcripts and housing, and are the connecting point for contact with all academic schools and administrative offices, welfare and counselling services. The Study Abroad Unit staff have considerable experience of dealing with students studying abroad and, if you want any information or advice or have any problems, we hope you will always come to us as your first port of call.

You may meet one or more of us at your home university at various points throughout the year - the Office of International Programs at your home university will be able to advise you if we have scheduled a visit.



For **Study Abroad** applicants, your initial point of contact is Stephanie Nixon, Study Abroad Officer.

email studyabroad@manchester.ac.uk
tel +44 (0)161 275 7385
fax +44 (0)161 275 2058



For **Non-EU Exchange** applicants, your initial point of contact is Sarah Bloor, Study Abroad Adviser (Incoming Students):

email exchangestudy@manchester.ac.uk
tel +44 (0)161 275 8021
fax +44 (0)161 275 2058

website:
www.manchester.ac.uk/international/studyabroadandexchanges

Paula Armani
Universidad del Salvador, Argentina.

"The Study Abroad Unit has been very helpful. Every detail is taken into account and everything is well organised and explained. It is important to know that there is a hard-working team you can turn to for help"



Subject areas

Teaching: Innovation and Quality

The University's academic excellence is complemented by its track record of providing innovative courses that place us at the forefront of teaching and learning. Our strong research profile means that teaching is constantly kept up to date with the latest thinking and technology. You will be taught by acknowledged experts and international leaders and your syllabus will be informed by the very latest knowledge.

Manchester is an international leader in an 'enquiry based' approach to teaching. This is where you will follow your own lines of interest and discussion. This means that you will formulate your own ideas and opinions, as well as drawing on academic expertise. It has been proven that this approach equips you better for leading roles after you have graduated. The curriculum is also becoming more and more cross-disciplinary meaning that you will meet students from other disciplines to explore ideas from alternative perspectives. At The University of Manchester you will be involved in a variety of teaching methods, with e-Learning and lab based work alongside more traditional lectures and seminars.

Assessment

If you are studying with us during the Fall semester only, and your home university's Spring semester starts in early January, it may be possible for you to be assessed early in some subjects so that you can return home in time for the start of your Spring semester. The courses marked as 'AA' on the following list have early/alternative assessment available in circumstances where there is a clash of semester dates.

As many disciplines continue to develop alternative assessment options, check our website (www.manchester.ac.uk/international/studyabroad) for the most up-to-date information.

You can choose course units across as many of the following subject areas as you like:

Subject areas offered (this list is not exhaustive):

Accounting and Finance AA

Accounting
Finance

Architecture

Architecture

Archaeology AA

Ancient History
Archaeology
Heritage Studies

Art History AA

Art History and Visual Culture

Business and Management AA

Business and Management Studies

Chemistry

Chemistry
Chemistry with Forensic and Analytical Chemistry
Medicinal Chemistry

Classics and Ancient History AA

Ancient History
Classical Studies
Classics
Greek
Latin

Computer Science

Artificial Intelligence
Computer Systems Engineering
Computer Science
Computing for Business Applications
Distributed Computing
IT and New Media
IT Management for Business
Software Engineering
Systems Analysis and Design

Drama AA

Drama
Screen Studies

Earth Sciences AA

Environmental and Resource Geology
Geochemistry
Geology
Planetary Science

Economics and Social Studies

Development Studies
Economics

Engineering

Aerospace Engineering
Chemical Engineering
Civil Engineering
Communication Systems Engineering
Computer Systems Engineering
Mechanical Engineering
Mechatronic Engineering



English and American Studies AA

American Studies
English Literature

Environmental Science AA

Environmental Science
Environmental Studies

Geography AA

Human Geography
Physical Geography

History AA

Economic History
History
Medieval Studies
Modern History

Law AA

Law (including Criminology)

Learning Disability Studies AA

Learning Disability Studies

Life Sciences AA

Anatomical Science
Biochemistry
Biology
Biomedical Sciences
Biotechnology
Cell Biology
Developmental Biology
Genetics
History of Science, Technology and Medicine
Medical Biochemistry
Microbiology
Molecular Biology
Neuroscience
Pharmacology
Physiology
Plant Science
Zoology

Linguistics AA

English Language
Linguistics

Management and Leisure AA

Management and Leisure

Materials

Biomedical Materials Science
Materials Science

Mathematics

Mathematics
Statistics

Middle Eastern Studies AA

Arabic Studies
Hebrew Studies
Islamic Studies
Middle Eastern Languages
Modern Middle Eastern History
Persian Studies
Turkish Studies

Modern Languages AA

Chinese
French
German
Italian
Japanese
Portuguese
Russian
Spanish

Music AA

Music

Philosophy AA

Philosophy

Physics and Astronomy

Physics
Astrophysics

Planning AA

City and Regional Development
Environmental Management
Town and Country Planning

Politics and International Relations AA

European Studies
International Political Economy
International Relations
Politics

Psychology AA

Cognitive Neuroscience
Psychology

Religions and Theology AA

Biblical Studies
Comparative Religion
Islamic Studies and Muslim Societies
Jewish Studies
Religion and Society
Study of Religion and Theology
South Asian Studies

Social Anthropology AA

Anthropology
Social Anthropology

Sociology AA

Media, Culture & Society
Sociology

Textiles

Design Management for Fashion Retailing
Fashion and Textile Retailing
Management and Marketing of Textiles
Textile Design and Design Management
Textile Science and Technology
Textile Technology

The University of Manchester is proud of its teaching and strives to ensure its courses are as up to date and relevant as possible. This commitment means that the courses listed throughout this Guide provide a guideline only and are subject to change without notice.



Course units

Study Abroad students are able to 'pick and mix' course units from across disciplines to construct a programme of academic study that is appropriate for their interests and requirements. Examples (not exhaustive) of course units available across the University are listed in the following pages. For the complete list of course units available and how to find syllabus descriptions for each, please visit:

Business

With an international reputation for top-rated teaching and research, Manchester Business School is firmly positioned at the leading edge of dynamic business performance.

Example course units (not exhaustive)

Fundamentals of Finance; Global Contexts of Business and Management; Marketing; Human Resource Management; Managing Business Operations; Investment Economics and Innovation; Technology, Strategy and Innovation.

MBS also has many individual exchange agreements with universities worldwide – check out the link below to see if your university has a link:

www.mbs.ac.uk/undergraduate/international/partners.aspx

Archaeology

Manchester archaeologists are engaged in research in Britain, Ireland and Western Europe, the Mediterranean and Aegean, the Near East, Meso Americas, Islamic East Africa, South Pacific, Colonial Australia and Indonesia. Students have extensive opportunities to engage in fieldwork (including internationally important projects at Stonehenge Riverside, Star Carr Mesolithic Site, Ghanian shrines and Domuztepe in Turkey).

Example course units (not exhaustive)

Archaeological Perspectives; Roman Britain; African Archaeology; The Ritual Life of Monuments; Changing Worlds in the Near East and East Mediterranean; Ceramics; The Age of Stonehenge; Pacific and Australian Archaeology.

Art History and Visual Studies

Art History and Visual Studies is one of Manchester's best-established subject areas. Our impressive range and diversity of expertise means we can offer courses on periods from antiquity to the present day, and in regions from Britain, Western Europe and the Mediterranean world, to the Middle and Far East, and North and South America.

Example course units (not exhaustive)

Frameworks in Art History; Cities; English Art in the Age of Chivalry; Architecture and the Arts in Renaissance Italy; Greek Art and the City State; Roman Art and Architecture; Art Since 1945; Topics in Surrealism; William Morris.

Chemical Engineering and Analytical Science

The School's excellent research facilities include well-equipped laboratories, state-of-the-art analytical equipment, and electrical and mechanical workshops. Our pilot-industrial scale Morton Laboratory was recently given a £6.6 million upgrade, and is unique in bringing together advanced instrumentation and production scale processing equipment.

Example course units (not exhaustive)

Physical Chemistry; Engineering Mathematics; Thermodynamics; Heat Transfer; Fluid Flow; Design of Separation Processes; Reaction Engineering; Momentum, Heat and Mass Transfer; Distillation and Absorption.



Chemistry

Manchester has a long and distinguished history of chemical innovation, from the birth of modern chemistry with John Dalton, through to recent Nobel prize winners and Manchester students John Polanyi and Michael Smith.

Example course units (not exhaustive)

Inorganic/Structural Chemistry; Quantitative Chemistry; Introduction to Forensic and Analytical Chemistry; Introductory Astronomy and Cosmology; Medicinal Biochemistry; Physical/Theoretical Chemistry; Macromolecular and Polymer Chemistry; Atoms and Nuclei; Selective Toxicity.

Classics and Ancient History

Teaching and research of Classics at Manchester covers the whole range of subjects traditionally conceived as 'classical'. We are one of the largest – and indeed liveliest – centres for the study of the classical world in the country. Equally strong on both Greek and Roman sides of the field, in history, literature and language alike with expertise in rarer fields including epigraphy, papyrology and Indo-European.

Example course units (not exhaustive)

The Greeks and the Mediterranean World 800-449BC; The Odyssey; The Roman Empire 31BC-AD; Politics and Society in Classical Greece 450-322BC; Greek Epic Poetry; Youth, Love and Rome.

Computer Science

The University of Manchester has been at the forefront of the computing revolution for more than 50 years. Contributions range from building the world's first programmable computer (1948) to creating image processing software used for the 2004 Oscar winning film 'Cold Mountain'. The School of Computer Science remains today as a world leader in innovation and academic excellence, being rated first for research power in England in the 2008 Research Assessment Exercise.

Example course units (not exhaustive)

Object Oriented Programming with Java 1/2; Artificial Intelligence Fundamentals; The Underlying Machine; Reasoning About Programs; Imperative Programming with C and C++; Software Engineering; Operating Systems; Computer Graphics; Computer Networks; Logic in Computer Science; Subsymbolic Processing and Neural Networks; Digital Systems; Microcontrollers; The Implementation and Power of Computer Languages; Systems on-chip; Introduction to Algorithms and Data Structures; Digital Design Techniques; Mobile Systems; Digital Wireless Communications and Networks; Theory of Games and Game Models; Robotics; High Performance Microprocessors; Concurrency; Cryptography and Network Security.

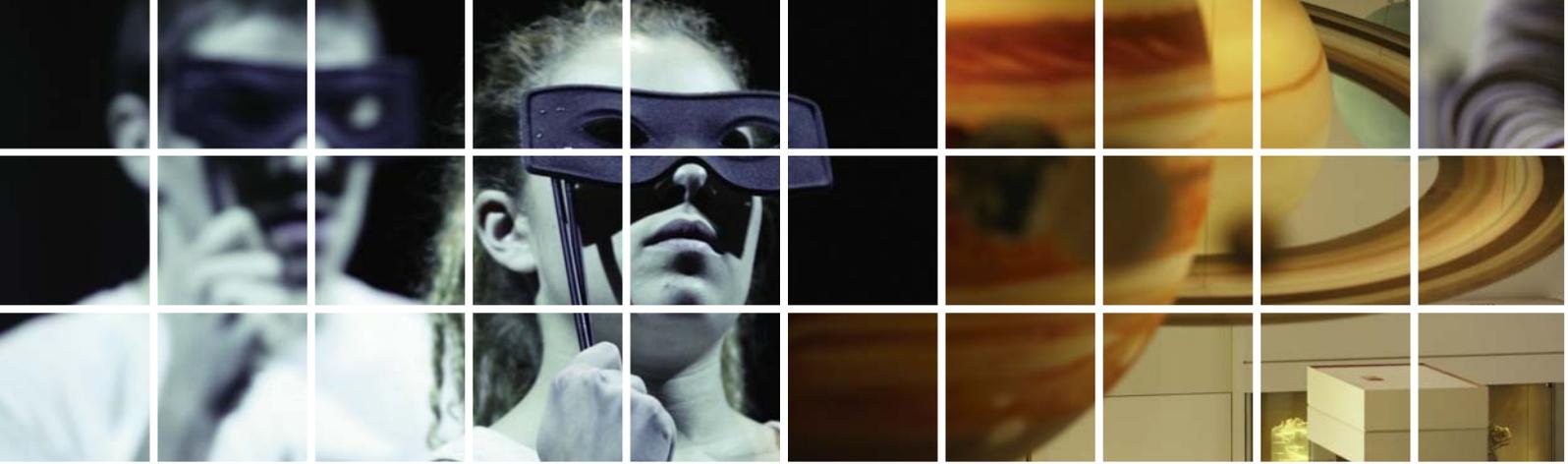
International standing

The University attracts world-renowned researchers and teachers and boasts no fewer than 23 Nobel prize winners amongst its current and former staff and students



The first programmeable computer

The Department of Computer Science was formed in 1964, but its history starts in December 1946, when F.C. Williams and Tom Kilburn began to work full-time on devising the first effective random access electronic storage device for use in computers, using a Cathode Ray Tube. During 1947 they produced such a device. To test it Kilburn designed the world's first stored-program computer, 'The Baby', which worked for the first-time on 21 June 1948. The School continues to build on this legacy, having contributed over the years to some of the discipline's most pioneering and influential innovations. Today it remains at the forefront of research and teaching, equipping its students with the skills needed for a career shaping the future.



Course units



The Martin Harris Centre for Music and Drama

In 2003, Music and Drama moved to the Martin Harris Centre, a purpose-designed home at the heart of the Manchester campus containing state-of-the-art facilities including electroacoustic music studios, digital editing suites and a large subject specific library. The Centre is also a fully-functioning arts venue with over fifty public performances taking place here each semester. For more information, please visit our website: www.manchester.ac.uk/martinharriscentre

Drama

Manchester has a world-wide reputation for the quality of its research into Performance, Applied Theatre and Screen Studies. The disciplinary approach of Drama at Manchester combines an emphasis on historical and theoretical perspectives with practical exploration and understanding.

Example course units (not exhaustive)

Theatre Studies: Introduction to Drama; History and Historions; Contemporary Theatre Practice, Practitioners in Context; Studio Production; Performance and Transgression in 19th and 20th Century Theatre.
Screen Studies: Art of Film, Screen Culture and Society; Translational Chinese Cinema.

Earth, Atmospheric and Environmental Sciences

The School of Earth, Atmospheric and Environmental Sciences (SEAES) has a unique blend of research expertise to explore the frontiers of knowledge in the natural and man-made world. Geology and related Earth Sciences have been studied at Manchester since 1851 when WC Williamson was appointed as Professor of Natural History.

Example course units (not exhaustive)

Environmental Science and Studies

Global Climate Change; Earth Resources; Environmental Problems; Introductory Geochemistry; Environmental Investigative Techniques; Organic Systems; Soil Science; Geomicrobiology; Biogeochemical Cycles; Hydrogeology; Climate and Energy; Planet Earth.

Earth Sciences

Introduction to Palaeontology; Properties of Minerals; Interpretation of Geological Maps; Global Tectonics; Igneous Petrology; Earth Materials; Sedimentology; Geophysics; Vertebrate Palaeontology and Evolution; Lithospheric Processes; Mineral Deposits; Energy Resources; Ecosystems of the Past; Earth Surface Processes.

Planetary Science

Extraterrestrial Materials, Introduction to Planetary Science; Origins and Evolution of the Solar System; Comparative Planetology; Isotope Geochemistry; Recent Mission Review.



Education

The School of Education at The University of Manchester is independently recognised as one of the best in the country. The School has secured excellent scores in all recent teaching quality assessment exercises (including those undertaken by both QAA and OFSTED).

Example course units (not exhaustive):

Language, Literacy and Communication

Aspects of Language; Aspects of Literacy; Aspects of Communication; Structure of English; Reading and Writing Processes; Effective Group Work; Intercultural and Computer-Mediated Communication; First Language Acquisition; Acquisition of Literacy; Literacy and Social Development; Mass Media; Ethnographic Research.

Learning Disability Studies

Communication and Presentation Skills; Study and Research Skills; Facilitating Learning; Developing Relationships; Person Centred Approaches to Development and Learning; Application to Practice; Learning Disability: Policy and Practice; Sociology; Friendships, Relationships and Sexuality; Social Role Valorisation and Advocacies; Supporting Employment; Additional Support: Application to Practice.

Management and Leisure

Sociology; Psychology; Economics; History of Leisure; Marketing; Leisure Law; Introduction to Leisure Management Skills; Financial Management; Management Sciences; International Leisure; Leisure in Contemporary Society.

English and American Studies

Our particular strengths lie in cultural theory, Romantic and Victorian literature, Renaissance studies, Irish studies, lesbian and gay writing and theory, Old and Middle English, American Studies twentieth-century writing, creative writing and Postcolonial literature and theory.

Example course units (not exhaustive)

Theories of American Culture; American History 1900-1945; American Literature & Social Criticism 1900-present; Contexts of Writing; Mapping the Medieval; Shakespeare: Genre Text and Performance; Forms of Poetry 1700-1900; Reading the 19th Century; Sex and Salvation in Medieval Literature; Post Colonial Literature.

Environment and Development

The School of Environment and Development builds on the academic excellence and expertise developed within the University in the disciplines of Architecture, Geography and Planning, and hosts the Institute for Development Policy and Management (IDPM), the UK's largest University-based centre for postgraduate training and research in international development.

Example course units (not exhaustive)

Architecture

Architectural Theory; Design; Structures; Construction; Psychology; Sociology; Morphology; Technology; History; Environmental Studies; Social and Cultural Studies; Urbanism.

Geography (restricted availability)*

Social and Cultural Geographies; People, Places and Policy: Changing Equalities in Cities; Earth Systems and Processes; Terrestrial Environments; Children's Geographies; Spatial Data Handling and Analysis; Material Worlds: Geographies of Natural Resources; Environmental Pollution; Hazards; Cities and Consumption; Quaternary Environments and Geoarchaeology; Space, Culture and Society; Atmospheric Processes and Climatic Systems.

**Please note that Level 2 and 3 Geography courses are only available to students undertaking a full academic year of study.*

Environmental Management/City and Regional Development

Townscape and Landscape; UK Spatial Planning; Cities and Society; Sustainable Cities; Urban and Regional Policy and Politics; Environmental Planning and Protection; Urban Development Planning in Cities of the South; Environmental Impact Assessment; Housing Policy; Planning for Environmental Change; Community Planning and Development.



Course units

History

Manchester's History Department is one of the biggest in Europe. Staff expertise ranges across time from Ancient Greek warfare to 1960s and 70s popular protest movements, across space from Peru through Nigeria to China, Europe and North America, and across themes from human sexuality through childhood to housing, from warfare through religion to economics, and many topics inbetween. The courses are demanding and ambitious, but rewarding.

Example course units (not exhaustive)

States, Nations and Nationalism in Modern Europe; War and Personal Testimony; From Silver to Cocaine: Commodities in Latin America; The Origins of British Industrialisation; Globalisation in Historical Perspective; Cultures of Empire: India and the Americas.

Languages, Linguistics and Cultures

The global context informs the intellectual agenda of this department with an increasing range of languages including Arabic, English, French, German, Italian, Mandarin Chinese, Portuguese, Japanese, Russian, Spanish, Turkish, Hebrew and Persian.

Example course units (not exhaustive)

East Asian Studies

Introduction to Chinese Studies; Modern China; Modern Chinese Culture and Society; Imperial China; Chinese Political Theory; Chinese Business; Introduction to Japanese History; Introduction to Modern Japanese Society; Cultural Contexts of Japanese Language; Religion in Japan.

French Studies

French Language Structure and Function; Modern French Poetry; Contemporary French Culture; Aspects of Contemporary French Cinema; French National Identity.

German Studies

German Language Skills; German History 1890-1945; The Making of Modern German; German Culture and Totalitarianism; Morality and Politics in German Drama; German Dialects; The East German Dictatorship; The Sounds of German; German Romanticism; New German Identities; Assent and Dissent in the Third Reich.

Italian Studies

Italian Language and Linguistics; The Risorgimento: Origins, Course and Aftermath; Politics and Aesthetics of Italian Cultural Spaces in the 20th Century; Dante, Purgatorio and Paradiso; Florentine Culture in the Age of Lorenzo the Magnificent; Fascist Italy.

Linguistics and English Language

Typology, Semantics, Morphology; Introducing English Grammar; Morphology and Syntax; Introduction to Phonetics and Phonology; Sociolinguistics; World Englishes; Experimental Phonetics; English Dialects; Languages and Gender.

Middle Eastern Studies

Middle Eastern History AD 1000-1800; Introduction to Islam; The Contemporary Middle East; The Middle East Before Islam: An Introduction; Literatures of the Ancient Near East; Talmudic Judaism: Its Sources and Concerns; Revolutions in the 20th Century Middle East; The Middle East and the Cold War; The Question of Palestine/Israel (1882-1967).

Russian and East European Studies

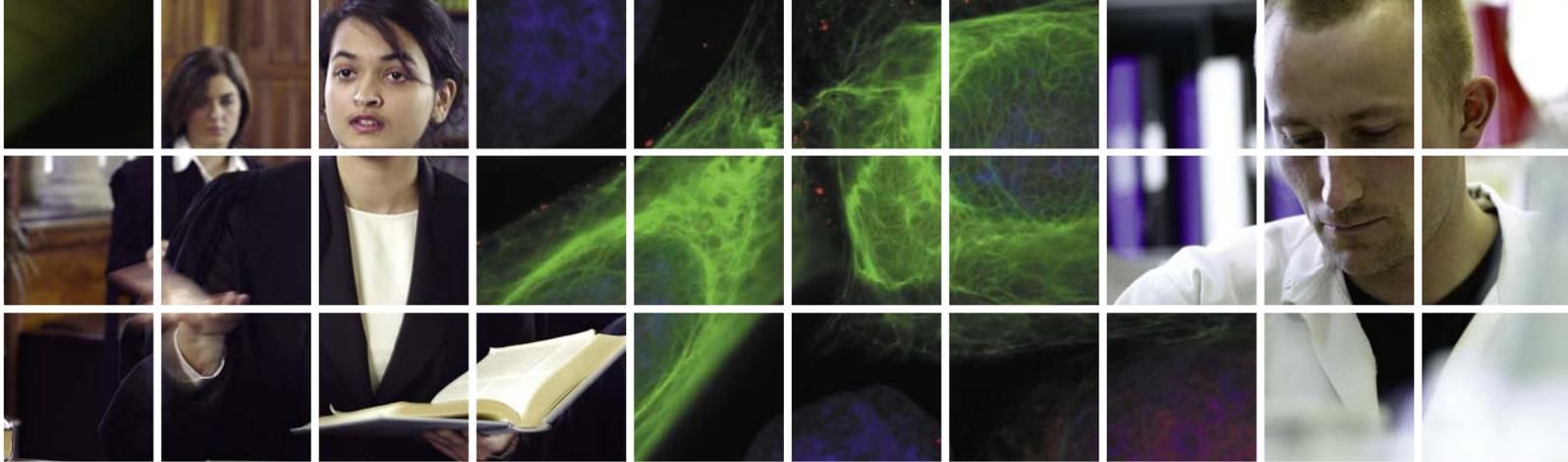
Russian History to 1917; Russia from the Revolution to the Present Day; Banned Books: Literature and Censorship in the Soviet Union; Remembering the Second World War after the Collapse of Communism.

Spanish, Portuguese and Latin American Studies

Cultures of Portuguese Colonialism; Introduction to Spanish and Latin American Studies; Mozambique in Literature and Film; Catalan Studies; Spanish National Cinema; Culture and Revolution in 20th Century Latin America.

Languages for non-specialists

Hebrew; Turkish; Spanish, Portuguese; Arabic; Chinese; Dutch; French; German; Greek; Japanese; Persian; Polish; Russian; Urdu



Law

Law is available as an undergraduate degree in the UK, and legal education has been offered at Manchester since 1872. The Law Library has excellent holdings in English Law and in Public International Law, and has a valuable range of Commonwealth and American materials as well. The University Library is one of the four principal academic libraries in the United Kingdom, and is an official depository for European Union and United Nations documents.

Example course units (not exhaustive)

Public Law; Contract Law; Criminal Law; Introduction to English Law; Jurisprudence; Equity and Trusts; Human Rights Law; Public International Law; Legal Method; Crime, Law and Society; Constitutional Reform; Psychology, Crime and Criminal Justice; Medicine, Technology, Morals and the Law.

International standing

According to the results of the 2008 Research Assessment Exercise, The University of Manchester is now one of the country's major research universities, rated third in the UK in terms of 'research power' behind only Oxford and Cambridge.

Life Sciences

It is an exciting time to be part of the global development of the life sciences. Rapid advances in biological understanding and biotechnical innovation in the latter part of the 20th century have led to a multi-disciplinary approach. Medicine, agriculture and food technology, environmental conservation, and pharmaceutical production are all evolving rapidly in the biological arena. Outstanding facilities and teaching support students in this discipline.

Example course units (not exhaustive)

Molecules to Cells; Genes, Evolution and Development; Molecular Genetics; Biodiversity; Body Systems; Excitable Cells; Microbes, Man and the Environment; Drugs: From Molecules to Man; Biochemistry; Science in the Modern World; Bioethics; Evolution of Genomes; Human Anatomy and Histology; Cell and Tissue Function in Human Disease; Drug Discovery and Development; Parasites and their Hosts; Immune Response and Disease; Animal Behaviour; Circadian Rhythms; Stem Cells; Conservation Biology; Applications of Plant Biotechnology; Imaging Living Systems; Plant Biotechnology; Evolutionary Development Biology (see www.manchester.ac.uk/lifesciences/studyabroad for full details)

History of Science, Technology & Medicine

Example course units (not exhaustive)

Science, The Media and The Public; Patients and Doctors in Modern Europe; From Baker Street to CSI – History of Forensic Medicine; History of Climate Change; Health & Disease in Africa; Crisis of Nature – Issues in Environmental History; From Frankenstein to The Matrix – Science Fiction & Film; Religion, Medicine & Science; Scholars and Experts in Nazi Germany; The Nuclear Age – Hiroshima to Nuclear Terrorism;

An Introduction to Current Topics in

Biology is a unit designed specifically for students who are not majoring in a life sciences subject, and who do not have advanced biology qualifications, but who would like to know more about this exciting and ever-expanding subject. Students will be introduced to the science that features in the news or entertainment media; examples include DNA technology, stem cell research, climate change and evolution. Students will be equipped with the background facts necessary to develop an informed opinion about current topics, in order to appreciate the complexities of current biological issues. This unit will be a useful addition to a wide range of courses across the university, with information relevant to politics, law, ethics and philosophy, as well as science.



Course units

International standing

The University of Manchester is the UK's most popular University, receiving more applications for undergraduate study than any other British university (53,300 in 2008).

Materials

Facilities and support

The School of Materials has excellent processing laboratories and materials characterisation facilities including sophisticated X-ray diffraction, a friction stir welder, electron microscopy and spectroscopy, together with dedicated design studios and in-house spinning, knitting and weaving equipment.

Example course units (not exhaustive)

Biomedical Materials

Introduction to Biomaterials and Tissue Engineering; Biochemistry; Anatomy and Physiology of the Human Body; Cell Biology; Biomechanics; Tissue Interactions and Biocompatibility; Crystallography & Diffraction; Biomedical Polymers and Composites; Biomedical Ceramics and Alloys; Chemical & Surface Characterisation – Biomedical; Polymer Materials Science – Biomedical; Tissue Engineering; Structural Natural Fibres; Advanced Biopolymers and Colloids; Nanobiomaterials; Biological Matrices; Natural and Synthetic; Failure of Materials – Biomedical; Electrical and Magnetic Properties of Materials – Biomedical; The Molecular Environment of the Cell in Health & Disease; Advanced Biopolymer and Colloids – Biomedical; Polymer Materials Science for Biomedical Students; Clinical Applications in Biomaterials; Engineering Ceramics and Glasses – Materials.

Management and Marketing of Textiles

Introduction to Management and Marketing Concepts and Practices; Textile Materials and Processes; Product Performance Requirements; Mathematical Techniques for Managers; Market Research and Consumer Behaviour; Accountancy for Manufacturing; Management Information Systems; Microeconomics.

Materials Science

Introduction to Materials Science; Materials For Engineering Applications; Thermodynamics; Atomic & Molecular Nature of Materials; Mathematics; Functional Materials; Mechanical Properties of Materials; Microstructures of Materials; Crystallography & Diffraction; Origins and Production of Materials; Degradation of Materials, Design I; Ceramic Processing of Materials; Polymer Materials Science; Design II; Phase Equilibria and Transformations; Deformation and Strengthening; Electronic and Magnetic Properties of Materials; Polymer Materials and Processing; Electronic Devices; Failure of Materials; Phase Transformations in Materials; Polymer Physics; Chemical Processing of Advanced Materials; Engineering Alloys; Engineering Ceramics and Glasses; Composites Principles and Practice; Functional Ceramics; Cellular Materials.

Textile Design and Design Management

Studio-based drawing and design projects (Knit, Weave and Print Design); Fabric Production; Fundamental Textile Processes (fibre-to-yarn and yarn-to-fabric conversion); Colour and Design.

Textile Science and Technology and Textile Technology (Business Management)

Fundamentals of Fibre; Yarn and Fabric Manufacture; Mathematics; Physics; Chemistry for Textiles; Computation; Intro to Accounting; Textile Management; Microeconomics for Textiles and Clothing; Colour and Colour Measurement; 'Smart' Materials; Electronics; Management Law; Work Psychology; Costing and Economics; Management Information Systems.

Fashion Retailing

Retailing; Marketing; Textile Processing and Technology; Fashion Operations Management; Fashion Promotion; ICT and CAD/Graphics; Fashion Design; Clothing Technology; Supply Chain; Consumer Behaviour; Fashion Theory.



Mathematics

The School of Mathematics is one of the biggest and most research-active schools of mathematics in the country. The School currently has more than 1,000 undergraduates, 180 postgraduates and 70 academic staff.

Example course units (not exhaustive)

Sets, Number and Functions; Propositional Logic; Linear Algebra; Algebraic Structures; Group Theory; Coding Theory; Hyperbolic Geometry; Sequences and Series; Real Analysis; Metric Spaces; Topology; Calculus and Vectors; Fluid Mechanics; Mechanics and Waves; Probability and Statistics; Random Models; Martingales with Applications to Finance; Markov Processes; Statistical Methods; Discrete Mathematics; Measure Theory; Combinatorics and Number Theory; Statistical Inference; Applied Time Series; Knot Theory; Numerical Analysis.

"There is no limit to the number of top-rated course assessments – 96% make our criteria of Academic Excellence, and research here has a pedigree of its own."

The Virgin 2007 Alternative Guide to British Universities.

Mechanical, Aerospace and Civil Engineering

World-class facilities at MACE

The School of Mechanical, Aerospace and Civil Engineering contains some of the foremost physical research facilities. These include standard testing machines with capacities up to 3000 kN, a geotechnical centrifuge, wave tanks and the largest tilting flume in the world.

The School also houses aerodynamic test facilities in its Goldstein laboratory. In addition to various wind tunnels and a flight simulator, the School has a closed circuit wind tunnel with a working section large enough to take a full-scale motor vehicle, and a supersonic tunnel with Mach3 capability.

Example course units (not exhaustive)

Aerospace Engineering/Mechanical Engineering

Aerospace Engineering; Mechanical Engineering; Renewable Energy Systems; Flight Dynamics; Sustainable Development; Computational Fluid Dynamics; Heat Transfer; High Speed Aerodynamics; Industrial Strategy.

Civil Engineering

Structures; Hydraulics; Design; Geotechnics (ground engineering); Materials; Management Surveying; Water Engineering; Earthquake Engineering; Fire Engineering; Environmental Control.

Music

Music at Manchester offers a friendly, stimulating and supportive environment with a broad range of courses where students can work alongside our world-class research staff. We select a high calibre of student and maintain a very strong performing tradition while cultivating musical techniques, historical musicology and composition.

Example course units (not exhaustive)

Tonality: Form and Function; Music and its Contexts; Sonic Invention; Musical Notation; Music in German Culture: Beethoven to Wagner; Early Opera; Sound Design; Orchestration; Introduction to World Music; Fixed and Interactive Composition; Vocal and Instrumental Composition; Acoustics for Musicians: Aesthetics; Analysis; Dylan in Context



Course units

Physics and Astronomy

The School is one of the largest physics departments in the UK. Our tradition has been established by many eminent teachers and research workers, including several Nobel Laureates.

The School boasts access to some of the world's leading facilities for the study of Particle Physics including the Large Hadron Collider (which will be used to discover the origin of mass). In the field of Astronomy and Astrophysics, the School operates the famous Jodrell Bank Observatory.

Example course units (not exhaustive)

Classical and Quantum Mechanics

Dynamics; Lagrangian Dynamics; Gravitation; Quantum Physics and Relativity; Fundamentals of Quantum Mechanics; Physics and Reality; Symmetries in Physics; Relativistic Quantum Physics.

Waves and Light

Vibrations and Waves; Wave Optics; Introduction to Photonics; Lasers and Photonics; Holography and Imaging.

Structure of Matter

Gases, Liquids and Solids; Thermal and Statistical Physics; Solid State Physics; Semiconductor Quantum Structures; Frontiers of Solid State Physics; Soft Matter Physics: Liquid Crystals, Polymers and Colloids; Superconductors and Superfluids.

Medical and Biological Physics

Biological Physics; Physics Applied to Medicine and Biology; Physics Applied to Physiological Measurements; Biomaterials Physics; Laser Photomedicine.

Particle and Nuclear Physics

Particle Physics; Nuclear Physics; Applied Nuclear Physics; Nuclear Structure; Frontiers of Particle Physics.

Astrophysics

Introduction to Astronomy and Cosmology; Physics of the Solar System; Galaxies; Galactic Dynamics; High Energy Astrophysics; Interstellar Physics; Stars and Stellar Evolution; Molecular Clouds and Star Formation; Radio Astronomy; Frontiers of Astrophysics; Gravitation; The Early Universe.

Laboratory

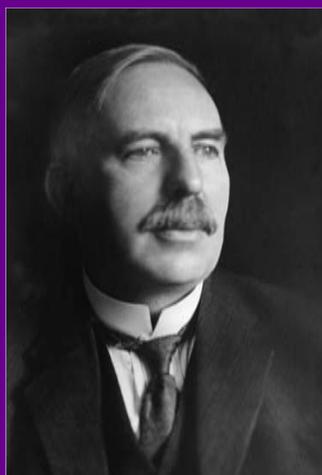
Laboratory courses are offered at all levels

Psychological Sciences

The School plays a major role in the Faculty-wide Centre for Clinical Neuroscience as well as housing a Child Development laboratory. To facilitate these international centres there is a suite of laboratories for research in both Social and Developmental Psychology. As well as access to both 1.5T and 3T MR scanners for functional and structural brain imaging, the School houses dedicated EEG and eye-tracking laboratories and has an extensive Experimental Design and Image Analysis Lab.

Example course units (not exhaustive)

Social Psychology; Developmental Psychology; Cognitive Psychology; Perception; Neuropsychology; Psychopathology; Health Psychology; Personality and Individual Differences; Cognitive Neuroscience.



Ernest Rutherford

The University of Manchester has a long history of pioneering research. One of the greatest achievements at the University was that of Ernest Rutherford, who was the first man to discover the atomic nucleus. Rutherford was born and educated in New Zealand and after a spell at Cambridge and McGill was made Langworthy Professor of Physics in The University of Manchester, succeeding Sir Arthur Schuster. While at The Victoria University of Manchester he won the Nobel Prize for Chemistry in 1908 "for his investigations into the disintegration of the elements, and the chemistry of radioactive substances". Rutherford was the first to deliberately transmute one element to another and also correctly postulated the existence of the 'nucleus'. This is considered to be his greatest contribution to the advancement of physics.



Religions and Theology

With no binding ties to religious institutions, we approach our subject from a distinctively comparative and interdisciplinary angle. This approach enables our students to ask questions they might not ask and cross boundaries they might not cross in most other settings where religion and theology are normally discussed.

Example course units (not exhaustive)

The Rise of Christianity; The New Testament; The World of The Ancient Israelites; Biblical Hebrew; Introduction to Judaism; European Reformations; Sacred Texts: Comparative Studies In Religion; Culture And Society; Religion, Culture And Gender; Luke – Acts; Texts, Ritual, And Practice In Mahayana Buddhism; Liberation, Gender And Politics In 'Hindu' Texts; Introduction To The History Of Jewish-Christian Relations.

International standing

The University of Manchester has the UK's largest alumni community for a campus-based university, and is in contact with more than 222,000 of its former students spread across 200 countries. Alumni include Louis de Bernieres (Author); Andy Duncan (Chief Executive of Channel 4); Ben Elton (Writer and Comedian); Sir Terry Leahy (Chief Executive, Tesco); Rik Mayall (Actor and Comedian); Dr Alan J Wood (Chairman, Siemens); HE George Maxwell Richards (President of the Republic of Trinidad and Tobago)

Social Sciences

The School is a leading centre of research and higher education in Economic Studies, Government and International Politics, Philosophy, Social Anthropology, Sociology and Social Statistics.

Example course units (not exhaustive)

Economic Science (restricted availability)
Applied Economics; Microeconomic Principles; Macroeconomic Principles; Advanced Mathematics; Applied Statistics; Financial Reporting; Business Law; Investment Analysis; Developing Countries in the International Economy.

Philosophy

Mind and Language; Values and Morality; Critical Thinking; Introduction to Logic; Knowledge & Reality; Locke, Berkeley, Hume; 20th Century Analytical Philosophy; Philosophy of Mind; Aesthetics.

Government/Politics

Researching Social Life; Introduction to Comparative Politics; Introduction to International Politics; Social Problems and Social Policy; The Politics of Globalisation; Contemporary Perspectives on International Politics; Third World Politics; Freedom and Equality: Contemporary Debates; Comparative European Politics; Mediterranean Politics; France Under the Fifth Republic; Chinese Politics Today; News Media and International Crisis.

Social Anthropology

Culture, Power and Language; Sex, Gender and Kinship; Anthropology of Religion; The Ethnographer's Craft; Medical Anthropology; Out of China: The History and Cultural Politics of Chinese Transnationalism; Regional Studies of Culture.

Sociology

Media, Culture and Society; Work, Economy and Society; British Society in a Globalising World; Sociology of Personal Life; Self and Society; Globalisation and the Developing World; Culture and Inequality; Racism and Ethnicity in the UK; Power and Protest; Technology and Society.



How to apply

If you are applying as a **Study Abroad student**, you can apply in one of three ways:

- direct to the Study Abroad Unit at The University of Manchester
- through the Study Abroad Office of your home university (this may be a requirement in order to facilitate the transfer of credit for courses undertaken abroad)
- through the Center for Education Abroad at Arcadia University (www.arcadia.edu/abroad) or Eurolearn (www.eurolearn.org) (*North American students only*).

If you are participating in an **Exchange** from a University of Manchester exchange partner, then your application process should be conducted through your home university Study Abroad Office or Office of International Programs. You should submit your completed forms to your home university.

The following documentation is required for all applicants:

- a completed application form
- a current academic transcript (translated into English if applicable)
- two academic letters of recommendation
- evidence of English Language proficiency (if English is not your first language)
- completed accommodation/housing application form

If you are applying for the Study Abroad plus Leadership and Service pathway, you must also download the additional application form from www.manchester.ac.uk/international/studyabroad/studyabroadandexchanges/servicelearning

Application documents can be downloaded from the Study Abroad Unit website, www.manchester.ac.uk/studyabroad

This Study Abroad Guide should also have application forms stitched into the centre.

Application deadlines

The deadlines for the receipt of applications depend on the period of study for which you are applying:

Full Academic Year (September - June)	1 June 2010
Autumn Semester (September - January)	1 June 2010
Spring Semester (January - June)	1 November 2010

Applications are processed in the order in which they are received. We therefore encourage early application, particularly for course units in subjects such as English which fill up very quickly.

Entry requirements

All applicants must be registered and in good standing at their home university/college.

You should check with your home university as to whether they also have any requirements that you have to meet in order to be eligible to study abroad.

Academic standing

We normally require at least a B average (or a minimum 3.0 cumulative Grade Point Average on a 4.0 scale). This average should be maintained during the period of study immediately preceding the semester/year at The University of Manchester.

“Manchester has little of the crowded loneliness or impersonality of London and its sons and daughters are a proud and friendly people – traits which rub off on its students.”

The Push Guide to Which University 2007-8



Choosing your course units

English language proficiency

If English is not your first language, you will need to provide evidence of your English Language proficiency.

The minimum acceptable level for admission is:

GCSE English Language (grade C or above)

or

Cambridge Certificate of Proficiency in English (grade C or above).

or

International English Language Testing (IELTS) average score of 6.0, with not less than 5.0 in any one component.

or

Test of English as a Foreign Language (TOEFL) minimum score of 550 (213 on the computer-based test, or 79-80 on the internet-based test)

However, certain subject areas require higher grades if students wish to have access to their course units, these include:

IELTS 6.5 or equivalent:
Business/Management.

IELTS 7.0 or equivalent: Education, Law, Life Sciences

Conditional offers

If your English Language proficiency falls below the required level when you make your application then we may still be able to offer you a place at the University. However this will require you to improve your test score before the start of the planned period of study. You may wish to consider applying for the Study Abroad with English Language pathway to do this. Entry requirements are detailed on page 4.

- 1 Visit the Study Abroad Unit website and select the link to course units.
www.manchester.ac.uk/studyabroad
- 2 Click on the subject area(s) in which you are interested to see a list of specific course units taught. Each course unit has a code which indicates the level of the course and the time period during which it is offered.

- 3 Click on the course unit to view more detailed information such as course content, credit value, assessment and preliminary reading. If the course unit information is insufficient for you and your advisers to determine whether the course will meet your academic needs, then contact the Study Abroad Unit for help.

- 4 You will need to select a full course load: 60 Manchester credits per semester; 120 Manchester credits for the academic year. You can, however, apply for more credits than this initially and select a course load up to these limits after arrival in Manchester.

Example course unit code interpretation

ENGL 20502 The Victorian Novel

20502 The initial number indicates the level of the course.

- 1 First Year course unit
- 2 Second Year course unit
- 3 Third Year course unit
- 4 Fourth Year course unit

20502 The final number indicates the time period in which the course is offered.

- 1 Semester one (Autumn / Fall)
- 2 Semester two (Spring)
- 0 Full year

ENGL 20502 is a second year course unit taught in the Spring semester.

Please note that some course units in Engineering and Physical Sciences may have slightly different course codes. Please contact us if you require clarification.

You can change, add or drop course units after arriving at The University of Manchester (subject to availability), so don't worry if you later need to alter your course unit choices slightly.

It is important to discuss your course choices with your academic adviser at your home university to ensure that the courses that you take whilst you study at The University of Manchester are approved for credit transfer.

Credit equivalence

As a guide, the following translation of Manchester credits can be used, and as a general rule, 1 UK credit equates to 10 hours of work.

Manchester	US	ECTS*
10	3	5
20	5	10

*European Credit Transfer System

City and university are absolutely inseparable, not least because they share the same vibe. It is an active, buzzing scene.

The Virgin 2007 Alternative Guide to British Universities



Tuition fees

These fees **do not** apply if you are participating in a bilateral exchange through a University of Manchester exchange partner. Students applying via a provider organisation such as Arcadia or Eurolearn, or as part of a group study programme, will also be advised of the applicable fees by the relevant organisation.

	£9,000
Semester	£4,900

The Study Abroad with English Language pathway (Extended route) requires students to pay additional fees for the English Language study undertaken. Details of these fees can be found at the University Language Centre website, www.manchester.ac.uk/langcent

Cost of living

Living costs in Manchester are similar to other major UK cities such as Birmingham and Nottingham, and are lower than in London. Manchester has approximately 80,000 students, the largest total outside of the capital, and shops, businesses and restaurants are all used to catering for students on a tight budget. You can get student discounts on almost everything, from travel and computers to movies and clothes.

Estimated living expenses for 2009/10 session*

	Academic Year 38 weeks (£)	Single Semester 19 weeks (£)
Accommodation (average cost for self-catering halls)	3,530	1,765
Meals	1,430	715
Books and stationery	360	180
Clothes (including warm clothing and footwear)	360	180
Local transport	470	235
Other general living expenses , eg photocopying and printing, laundry, phone calls, consumables, entertainment, sports, cooking equipment etc	1,330	665
TOTAL	7,480	3,740

*Please note this table is based on estimates and actual costs will depend on your lifestyle.

Whether you are interested in Basketball, Dance, Film, Hiking, Swimming, Ice Skating, Jazz, Soccer, Photography, Tai Chi, Rowing or Tennis, there are clubs to suit! **The Push Guide to Which University 2007-8** said: "The Athletics Union offers a vast choice of muscle-stretching pastimes so even the slobbiest slob in slobland should find something sporty to do."



Semester dates 2010-2011

First semester

Attendance
20 September 2010 - 17 December 2010

Christmas vacation
18 December 2010 - 16 January 2011

Attendance*
17 January 2011 - 30 January 2011

*Assessment period - see page 10 for
circumstances in which attendance
requirement may be waived

Second semester

Attendance
1 February 2011 - 8 April 2011

Easter vacation
9 April 2011 - 1 May 2011

Attendance
2 May 2011 - 10 June 2011

Distances from Manchester

City	Distance in miles	Time by Rail
Edinburgh	220	4 h 15 mins
Liverpool	35	1 h 00 mins
London	210	2 h 15 mins
Oxford	155	2 h 45 mins
York	70	1 h 30 mins

Disclaimer

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