



MANCHESTER
1824

The University of Manchester

Geography



The facts



Geography at
Manchester rated
excellent for teaching

Unsurpassed choice
of courses throughout
the programme

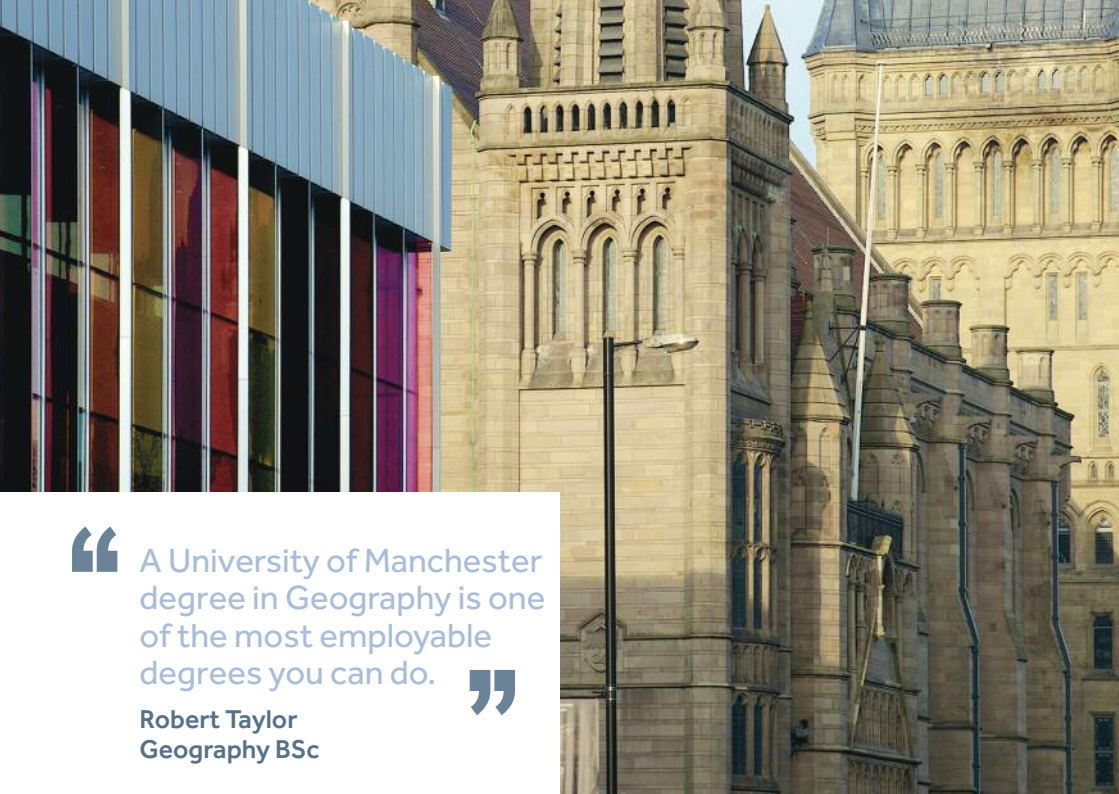
World-class reputation
for pioneering
geographical research



Brand new state-of-
the-art physical
geography laboratories

Exciting fieldwork
opportunities worldwide

Dedicated
computer software
for demonstrating
geographical
principles



“ A University of Manchester degree in Geography is one of the most employable degrees you can do. ”

Robert Taylor
Geography BSc



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Our University

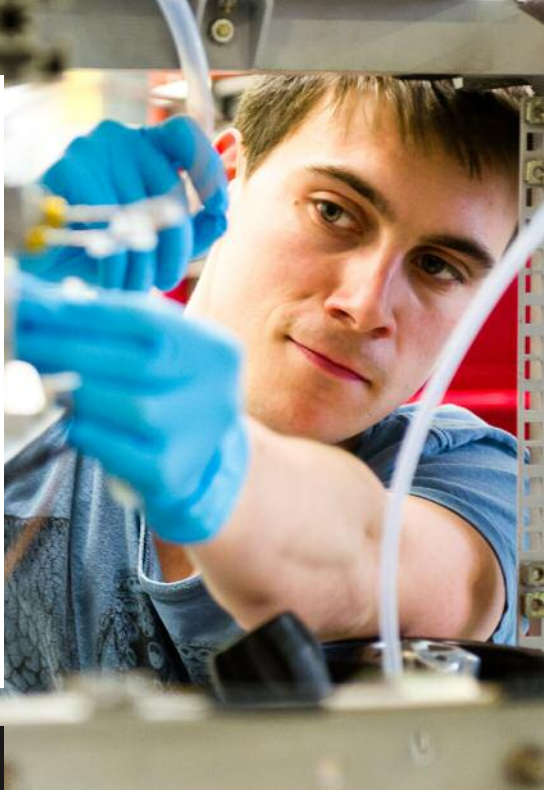
Making things happen

Influential, forward-thinking and down-to-earth, we'll give you an amazing university experience rooted in a rich academic heritage. We turn enthusiasm into achievement and groundbreaking theory into practice.

We accomplish feats of global significance, from splitting the atom to giving the world graphene – the two-dimensional wonder material that is one atom thick but 200 times stronger than steel. With more Nobel laureates on our staff than any other UK university, and strong links to industry and public services, we vitalise our undergraduate courses with pioneering research.

Join us at the heart of Britain's most popular student city.

Learn more about us:
www.manchester.ac.uk



Introducing Manchester

Our city

Always moving forward

Manchester lives on the edge of tomorrow, ever a step ahead in science, industry, media, sport and the arts. The Mancunian character, exemplified by the city's central role in the industrial revolution, strives for excellence in all walks of life.

This is a city of many accents, having become a cosmopolitan magnet for students and professionals eager to experience its can-do attitude, independent spirit and cultural wealth.

Never content to live on past glories, Manchester has a passion for progress.

Discover what makes Manchester unique:
www.manchester.ac.uk/cityofmanchester





Your experience

More than just a degree

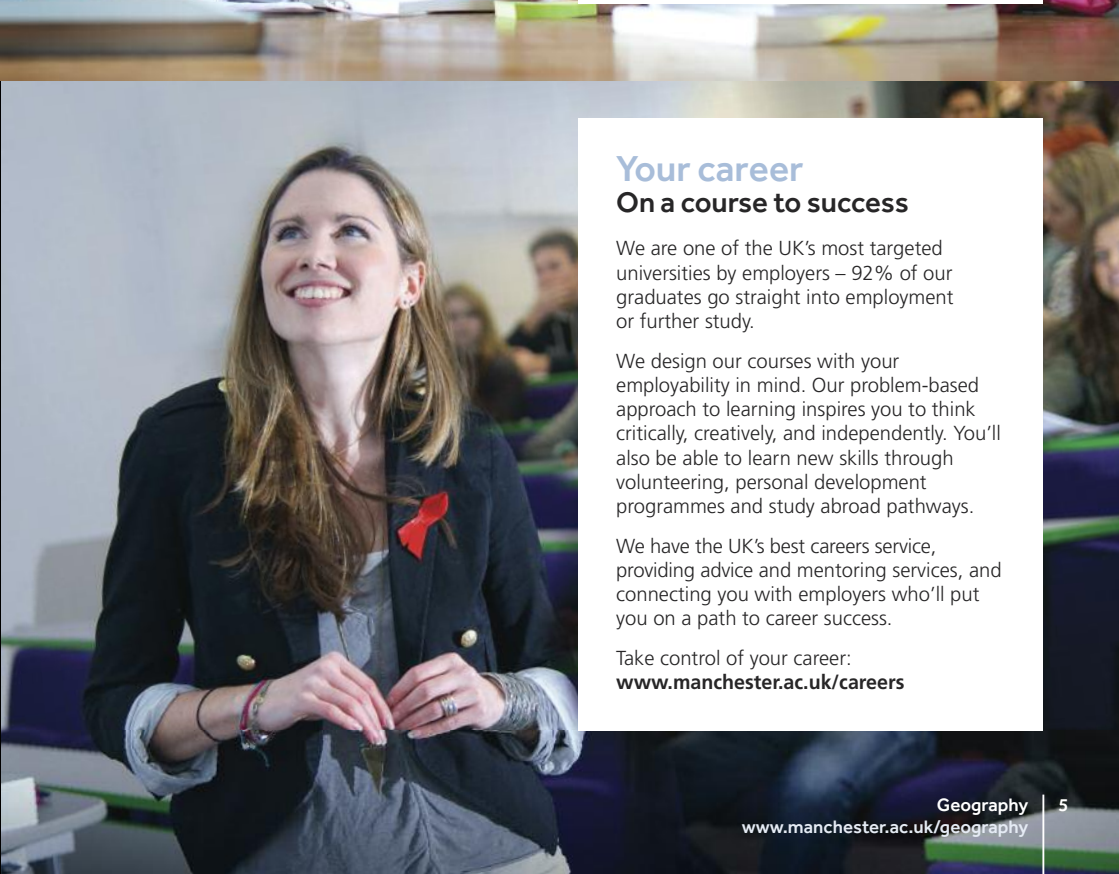
From the flexible, 24/7 learning environment of the Alan Gilbert Learning Commons to the personal development opportunities and specialist support services we offer, we will empower you to be your best.

We're well underway with the biggest investment programme ever seen in UK higher education, having invested £750 million in our facilities since 2004, with another £1 billion to follow. Away from your studies you'll have access to the UK's largest student union, almost 300 student societies, and excellent sports and fitness facilities.

The only thing you won't experience is boredom.

Hear from some of our students, graduates and staff:

www.manchester.ac.uk/ug/profiles



Your career

On a course to success

We are one of the UK's most targeted universities by employers – 92% of our graduates go straight into employment or further study.

We design our courses with your employability in mind. Our problem-based approach to learning inspires you to think critically, creatively, and independently. You'll also be able to learn new skills through volunteering, personal development programmes and study abroad pathways.

We have the UK's best careers service, providing advice and mentoring services, and connecting you with employers who'll put you on a path to career success.

Take control of your career:

www.manchester.ac.uk/careers



Geography at Manchester

Geography has been taught at Manchester for 120 years. As part of the School of Environment, Education and Development, we are located in a brand new, state-of- the-art building at the heart of the university campus.

With more than 30 members of academic staff, Geography is a strong discipline group with a wide range of teaching and research interests, and we have a vibrant community of undergraduate and postgraduate students. Our core philosophy involves working closely with our students, and as a result we enjoy some of the best staff-student relations in the country.

We offer our students an unsurpassed choice of modules and opportunities to learn in small groups at every stage of their course. When you add in our commitment to fieldwork in each year and innovative employability programme, Geography at Manchester presents a well-rounded and world-leading university experience.

Rated excellent for teaching, we have a world-class reputation for pioneering research. All courses are taught by expert staff who are internationally renowned in their research areas, which means that the material taught is contemporary and draws on the diverse nature of current research in geography.

Geography at Manchester is a well-established leader in innovation in teaching. As well as cutting edge facilities, our substantive courses across the board are supported by weekly small group sessions to deliver a world class learning experience. We are also leading on employability provision; we believe it is important to provide a broad education in the subject while providing you with the opportunity to develop skills for employment and your future career.

We structure our courses around human and physical geography. However, we allow complete flexibility to cater for those who want to maintain breadth and those who want to specialise in particular aspects of the subject. We therefore offer you an unsurpassed choice of course units across the programme, which increases as you move through the years.

Why Geography at Manchester?

- One of the best-equipped universities at which to study geography in Europe
- A course that offers you a large degree of flexibility to structure your own programme of study
- Several field courses across all areas of study that enable you to learn and meet with staff and students in an informal atmosphere
- The option to study abroad for one year, with associated dissertation work
- The option to study for a fourth year to refine your specialised research skills

Geography at Manchester

Our courses provide you with a range of opportunities to discuss geographical ideas and concepts in small groups. Small group learning is integral to a world-class education and every course that you take in Geography includes a programme of small-group work such as tutorials, seminars, fieldwork, team projects, practicals and laboratory classes.

These allow you to develop and explore your own ideas, while also providing you with ways of getting to know staff and other students, which are further enhanced by the diversity and frequency of fieldwork. Unlike many geography courses, our BA/BSc programme offers you the opportunity to undertake heavily subsidised field courses across all three years of study.

Opportunities to study abroad

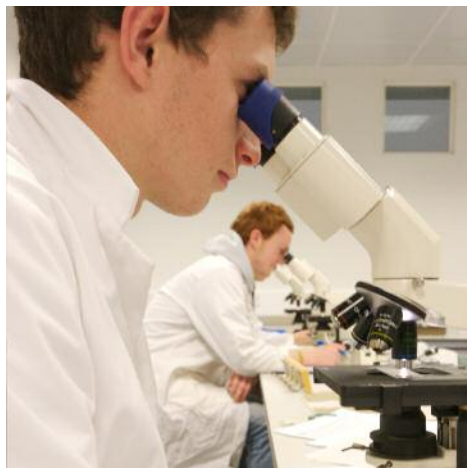
We offer you the possibility of studying for one year abroad at a partner university in various European countries, Australia, New Zealand, Canada, Hong Kong, Singapore, or the USA. Students who opt to study abroad graduate in our Geography with International Study course, which runs over four years; the third year is spent abroad and dissertation work is usually related to this period of study.

For more information about the worldwide exchange possibilities, email goabroad@manchester.ac.uk or visit the study abroad section of the University website: www.manchester.ac.uk/ug/studyabroad

Contemporary study resources and facilities

All of our courses provide you with a range of opportunities for studying and learning. As a Geography student, you will have access to excellent facilities, including brand new physical geography laboratories and large computer clusters with networked PCs, internet access and dedicated software for demonstrating geographical principles.

Studying at university will provide you with a wealth of opportunities and experiences. Our academic advisor system provides you with an opportunity to reflect on those experiences and your achievements and to discuss your future plans on a one-to-one basis with a member of the Geography staff. They will remain as your advisor throughout your time in the School and can advise you on course options, careers and other aspects of university life.





Vibrant student community

We are recognised as having a very friendly atmosphere, developed not least through field courses, small-group work and practical sessions. The atmosphere is further enhanced through a number of social, sporting and academic events that are attended by both staff and students. Many of these events are organised by the student society, MUGS (Manchester University Geographical Society). Its activities include an annual charity ball and various social and sports events; MUGS soccer and netball teams participate in university leagues. For more information on MUGS, see page 20.

Excellent career prospects

Geography is a unique discipline that bridges both the arts and sciences. It is both a practical and theoretical subject that helps us to understand global and local issues. Its breadth opens up a wide range of career opportunities for our students. Indeed, Geography has one of the best graduate employment records in the country, because it provides you with a range of transferable skills for later life, including literacy, numeracy, computer literacy, graphicacy and communication skills.



My A-level subjects were Geography, French and Biology. I decided to study Geography at Manchester because I really liked the idea of living and studying in a big, vibrant city with lots of nightlife!

"After spending a gap year in France, I was really keen to incorporate some French units into my course. The Geography course here, being so flexible, allowed me to not only choose an elective unit in French, but also spend a semester of my second year at the Alpine Institute of Geography in the French Alps (through the European Erasmus programme). It was a fantastic opportunity that should not be missed.

"I also went to New York in my second year for overseas fieldwork (other options included Cuba, Iceland, Greece and Ireland), which, as most of my year group would agree, was one of the highlights of my course at Manchester.



Lindsay Harper
Geography BSc



Course details

Geography BA 3yrs

UCAS Code L700

Geography BSc 3yrs

UCAS Code F802

Geography with International Study BA 4yrs

UCAS Code LF78

Geography with International Study BSc 4yrs

UCAS Code FL87

MGeog: integrated masters in Geography 4yrs

UCAS Code F800

Geography and Geology BSc 3yrs

UCAS Code FF68

Where do you start?

You will begin the Single Honours Geography courses with a preregistration field course in the Lake District, which is the only one of its kind offered by geography departments in the UK. You will develop your fieldwork skills further on day-long field courses in Manchester and the local region during your first year.

How do you learn?

Our teaching and learning strategy is designed to provide you with a stimulating and challenging set of experiences that will help you develop a wide range of intellectual, subject-specific and transferable skills, while studying a dynamic and broad-ranging subject.

We develop your ability to think critically, analytically and creatively. You learn about contemporary issues and problems to which much of our research relates, in ways that help you discuss and develop your own views on current societal and environmental debates. In developing an understanding of these issues and problems, you acquire a set of subject-specific skills associated with, for example, geographical representation (geographical information systems, remote sensing, visualisation) and field and laboratory analyses. You also acquire a set of more general skills that will serve you well after university, increasing your employability and allowing you to be a more active citizen. For example, you develop skills associated with working in teams, including communication skills, and many forms of skills that allow you to reflect on and affect your own progress. Our assessment strategy is designed to provide you with feedback on your progress in understanding the subject and in developing these skills and abilities.

You will encounter a number of different learning situations. Some, like the lecture sessions, are quite different from school or college in that the classes are much larger. As you proceed through the degree courses and there are more options from which to select, lecture sizes decrease.

Lecture sessions do not just consist of someone standing at the front speaking while you take notes. Right from your first year they are interactive with in-class quizzes and debates, while second and third-year course units offer lecture sessions and a third hour each week for discussions, debates and various forms of student presentations and activities. These interactions allow you to think through the ideas of the lecture and develop your own thoughts and views.

Alongside lecture units, there is a complementary programme of small-group work, where discussion is the focus. You meet weekly in a tutorial with around eight other students throughout the first year. You will work together in debates, projects and brief field excursions, and write essays, some of which count towards your first-year assessment. These tutorial projects relate to and support the first-year lecture programme.

During the first year, you also complete some work in teams; there is progression in this type of work that continues through the second year. Such organized teamwork may encourage you to work in more informal teams, where you can discuss your reading and ideas from lectures. It also helps you to work independently, taking more responsibility for your own learning.

The culmination of working independently is your dissertation, which currently counts for 25% of your final degree. You may choose to do this abroad, for which it is possible to gain financial assistance from the Zochonis Fund. Geographers have traditionally enjoyed a high degree of success applying for funds and have gone as far afield as Australia and Peru to conduct their research. Although there are different models of a dissertation, most are based on evidence that you have collected yourself. The field, practical and laboratory classes in the first two years will have given you experience of data collection and analysis.

You also receive advice during the second year in applying geography and through dedicated dissertation tutorials in the second and third year. In your second year, we focus on different societies and environments to examine contemporary issues and provide first-hand experience of these through one of our overseas field courses. The emphasis of these trips is very much on developing the independent research skills that are the hallmark of our Geography graduates and that make them such highly sought-after employees. Destinations may vary, but currently include Crete, Cuba, Donegal, New York, Iceland, Czech Republic, Amsterdam and Morocco.

Geography

How are you assessed?

The School's assessment strategy is devised to present you with the opportunity to demonstrate the full range of your abilities and skills. There is, therefore, a mix of assessment types across all years of study that reflects the variety of abilities and skills that you develop and acquire as you proceed through your course.

This mix includes a dissertation, essays of varying lengths, individual and team projects, coursework assignments, posters, presentations, practical sessions, field notebooks and unseen written examination papers (long and short essay answers and multiple choice).

Second-year work currently contributes 25% of your degree, the dissertation 25% and then the third year 50%. Through the mix of assessment types we aim to help you in a number of ways. Some of the assessment types allow fuller coverage of, and feedback on, knowledge and understanding, which is so important. Some are devised to allow rapid feedback, such as objective tests. Others aim to promote the development of argument, such as tutorial and coursework essay, or teamwork skills. Some test the extent to which you can carry out work independently, such as coursework essays and the dissertation.

All our assessment methods have been devised to promote in-depth learning and understanding.

Course Structure

BA (Hons) and BSc (Hons) Geography

Each year, we admit approximately 150 students to Single Honours (BA and BSc) Geography.

The course units offered and the selection processes (entry requirements, etc) are the same for the BA and the BSc Geography courses. You should decide which course to apply for on the basis of your A-level background, your interests within geography and your future plans. BA and BSc applications are considered on the same basis and your chances of gaining a place are the same for each course, as we have no separate quotas. **Do not apply for both BA and BSc courses, or you will just be wasting an application.**

By the end of your three years here, you will have studied a broad range of subjects within geography and developed a range of skills. You will be able to carry out a piece of independent research and will have developed the skills required to embark on a professional career, or to begin postgraduate research or study.

In all three years, the degree courses are structured around human and physical geography. The element of choice increases through the three years, building on a base of compulsory course units in the first year, to a choice of units that is limited only by timetabling constraints in the third year. This structure maximises the opportunity for you to construct your own degree pathway, while ensuring that your study is based within a logically developed curriculum.



Year 1

Course units provide a basic introduction to key subject areas and skills covered in the courses.

- **Human Geography** – changing political, economic, environmental, social and cultural geographies are explored at a range of spatial scales
- **Physical Geography** – units explore climate and earth surface systems, including hazards and resource exploitation
- **Researching Manchester** – units introduce the core research skills used in human and physical geography and get you to use them to explore the local and global significance of Manchester

These compulsory units establish basic principles, concepts and skills that you will build upon in your second and third years. In addition to lectures, you will have tutorials, undertake skills-based activities, complete a team project in each semester, and carry out both human and physical geography fieldwork in the Manchester area.

Beside compulsory course units, you may then choose to take a further two units in Geography, or take ‘free choice’ subjects outside the subject, selecting from a wide range of units available throughout the University.

Our current students take free choice subjects that include languages (eg, Mandarin, German, French, Spanish, Italian, Russian), sciences (eg, Biochemistry, Chemistry, Biology, Earth Science, Psychology, Maths), social sciences (eg, Economics, Accounting, Planning and Landscape, Government, Politics, Anthropology, Sociology, Psychology, Women’s Studies) and arts (eg, English, Drama, Music, History, History of Art, Archaeology, Middle Eastern Studies, Philosophy, Religions and Theology). The first year also comprises fieldwork in Manchester and the North West, including an introductory residential field course in the Lake District before you register, and day-trip fieldwork visits covering human and physical geography.

Lecture course units typically include:

Core

- Researching Manchester
- Tutorials in Geography
- Understanding Human Geography
- Geographies of Sustainability
- Environmental Processes and Change: the Global System
- Physical Geography and Contemporary Environmental Issues

Field courses

Semester 1 – Residential trip to Lake District, Human Geography in Manchester

Semester 2 – Physical Geography in Manchester

Optional course units

- Geographies of Globalisation
- Environmental Pollution
- Hazards
- Water Resources and Development
- or up to two ‘free choice’ subjects

(NB Course unit list may be subject to change.)



During all stages of my degree, I have had the opportunity to attend field trips, ranging from trips to Chester Zoo to visits to the Peak District. However, my overseas fieldwork in my second year was my favourite field trip. I had a great time in Crete, and this was undoubtedly one of the most enjoyable aspects of my time at Manchester.

David Gaunt
Geography BSc



Geography

Year 2

In Year 2, lectures develop the themes established in the first year, but introduce you to wider aspects of the subject. Second-year lecture course units consist of two sessions every week, divided into a two-hour and a one-hour session. For each lecture course unit, one of these sessions will take the form of small group learning in order to allow you to discuss and develop your ideas and skills.

During the second year, you choose four course units. You can choose all of your course units within Geography, or you may decide to continue with a free choice element – either continuing your first year area, or choosing a new subject for study. In order to make the most of the unsurpassed range of courses that a University as large as ours is able to offer, and to allow you to tailor the degree to your particular needs, you are able to choose up to two free choice subjects in your second year.

In Semester 1, you undertake an Applying Geography course unit. Applying Geography will give you practice in teamwork, report writing, researching, oral presentations, role playing and negotiation, while helping you to prepare a curriculum vitae and a dissertation proposal.

In Semester 2, through tutorials, practical classes and lecture sessions, you will begin work towards your dissertation, which is handed in during your third year. During the second year you will take part in an overseas field course that will help you to develop your research skills further.

Lecture course units typically include:

Core

- Applying Geography

Field courses

Semester 1 – Local area participation related to individual lecture course unit.

Semester 2 – Assessed overseas fieldwork: Crete, New York, Cuba, Amsterdam, Donegal, Czech Republic, Iceland, Morocco. All students attend one field course.

Options

- Development and Inequality
- Maps and Politics: Visual Culture, Power and Everyday Practice
- North American Cities – Change and Continuity in the Metropolis
- Economic Geography: Understanding the Economy, Creating Economic Spaces
- Nature, Society and Social Power
- The Political City
- Environmental Change and Human Impacts
- Green Planet: Plant Ecology and Global Change
- Glacial and Periglacial Environments
- River Catchments: Hydrology, Pollution and Management
- Spatial Thinking with GIS
- Remote Sensing: Exploring Satellite and Airborne Images
- or up to two 'free choice' subjects

(NB Course unit list may be subject to change.)

Year 3

In the third year, lecture course units consist of two sessions each week, divided into a two-hour and a one-hour session. For each lecture course unit, one of these sessions will take the form of small group learning in order to allow you to discuss and develop your ideas and skills.

You will choose three course units from approximately 15 options available in any one year. The range of optional course units is common to both the BA and BSc degree courses and allows you to get experience of geography at the research face, as members of staff lead courses dealing with their areas of particular expertise and interest. The large number of options on offer means that students will be taught in small classes, making for a truly world-class learning environment.

All lecture-based course units encourage student participation and often include a practical element. In addition, you will continue to explore the ways in which we gain geographical knowledge through the Geography in the 21st Century support sessions, and you will undertake an individual project evaluating a classic geographical text, business or contemporary policy challenge.

Every course unit is assessed in part by a final examination and in part by a piece of coursework. The normal weighting is 67% examination and 33% coursework; though a limited number of practically oriented course units are 100% coursework.

Lecture course units typically include:

Core

- Team Project
- Geography in the 21st Century

Optional course units

- Borders and Security in a Mobile World
- Making Sense of Nature
- Understanding Development through Film, Fiction and Media
- Energy, Space and Power
- Social Constructions of Health
- Climate Change Impacts and Adaptation
- Geographies of Food and Farming
- Critical Perspectives on Development
- Islands: Paradise or Prison, Human Geographies of Insularity*
- Cities and Consumption
- Urban Political Ecology
- Spaces of Work: Labouring in a Capitalist World
- Hydro-Chemical Modelling: Pollution Prediction and Management
- Ice Age Earth: Global and Mediterranean Perspectives
- Managing the Uplands: the Scientific Basis for Conservation and Policy
- Earth Observation and Image Analysis: Observing the Terrestrial Environment
- Coastal Processes: Sea Level Change and Marine Hazards
- Geography of Life
- Mediterranean Geographies*

* involves overseas residential field trip.

A balanced group of 15 of these course units will run in any year.

(NB Course unit list may be subject to change.)

Geography

The dissertation

All students undertake a dissertation, beginning the work during their second year and submitting the finished project after Easter in the third year. This is an opportunity to draw together the different strands of the course and to study a subject that you select and that really interests you. The dissertation requires you to conceive, plan, execute and write up a major independent and novel piece of research, and is largely unique to Geography among undergraduate programmes. Supervision is given by staff from whichever department seems appropriate to the topic selected.



I took Geography, Biology and History at A-level. Studying Geography has allowed me to choose from a list of varied subjects, all under the bracket of Geography – including, of particular interest to me, topics surrounding the environmental sector.

“Although Geography incorporates so many disciplines in its make-up, the social side of Geography life at Manchester is fantastic; the passion for the subject allows students to share things in common. This was particularly evident on the second-year field trips. I went to Crete and, although there was a mix of human and physical geographers on the trip, the group bonded with each other brilliantly, including the ever-enthusiastic lecturers.

“Choosing to study Geography at Manchester is perhaps the best decision I have ever made and, since doing so, I have never looked back. Geography has provided me with a broad knowledge of many diverse subjects and important key skills that may be vital in providing me with fantastic opportunities in the future.

Tim Hall
BSc Geography



BA (Hons) and BSc (Hons) Geography with International Study

Geography at Manchester offers you the possibility of studying for a year abroad at a partner university in various European countries, Australia, New Zealand, Canada, Hong Kong, Singapore, or the USA.

Students wishing to take this option follow the same course of study as for the three-year BA or BSc course, but spend their third year abroad, returning to Manchester for a fourth year. Dissertation work for the course is usually related to the period of study spent abroad.

The MGeog: Integrated masters in Geography

Geography at Manchester offers the opportunity to study for a four-year masters in Geography. As an MGeog graduate, you will have an advanced understanding of geographical knowledge and its place in the world. You will understand how such knowledge is produced, how it relates to existing bodies of knowledge, how it can be evaluated, and what methods underpin its production. As such, you will have refined your ability to critically reflect on the world around you, thus acquiring a strong basis for lifelong learning and active citizenship. You will be able to interpret how geographical knowledge is translated into different ‘real world’ settings and underpins multiple careers and forms of employment.

The MGeog comprises the three-year BA/BSc programme described above, plus an extra year in which you refine and specialise your knowledge and skills. In the fourth year, you will complete a year long research project, choose four course units from a wide range, and take part in a year-long seminar and study programme where you will learn to evaluate geographical research and its application in policy, professional and commercial spheres. The research project and the seminar programme will run over both semesters. The optional course units are one-semester units assessed by coursework. Beyond the two core units, there are no restrictions on choice, giving you the ability to choose modules in order to tailor the programme to your own requirements. Each unit will be taught by researchers who actively work in the field, giving you the opportunity to explore and engage with the latest geographical research.

Core

- Research Project
- Contemporary Geographical Research

Options

- Environmental Change
- GIS and Environmental Applications
- Environmental Monitoring and Modelling Concepts
- Environmental Monitoring and Modelling Practice
- Applied Study Unit
- Theories of Environmental Governance
- Issues in Environmental Policy
- Or up to two third-year Geography options

(NB Course unit list may be subject to change.)

BSc (Hons) Geography and Geology

This Honours degree course is run jointly by Geography and the School of Earth, Atmospheric and Environmental Sciences.

The core of the Geography and Geology course deals with earth surface processes, making it of particular interest to students with a wide interest in the earth sciences, physical geography and the environmental sciences. Around that core, you may take options that are available in the two subject areas and which relate to other areas of geography and geology. Do not be put off the degree course if you are interested in subjects such as landslides, climate systems, rivers, volcanoes and environmental hazards, but have not formally studied geology before – this is the case for many of our students.

Course structure

You will spend approximately half of your time in each subject over the three years. Small-group work, coursework, field courses and dissertations integrate the two disciplines. In particular, the first-year field course to Scotland – specifically developed for this degree course – is run by members of both subject areas. This helps to bring together the classroom and laboratory work of your first year in the two subject areas and integrate the different areas you have studied. In the second year, there is also a week-long field course to an overseas destination (Donegal and Morocco in 2013).

Geography gives you a choice of course units in all years. In the first year you will study the core course units from physical geography in each semester, and you are encouraged to choose your second course unit from the People and Environment strand.

During your second and third years, you have a wider range of course units to select: two units during the second year and two units that run throughout Year 3. Again, you can choose across the range of course units, but most students opt for Physical Geography and/or People and Environment options.

Details of the lecture units in Geography can be found on pages 13 to 15.

In Geology – which is a new subject to many entrants – all students study the same ‘foundation’ course in the first year, with choices in later years. This foundation includes course units such as Earth Materials, Geological Structures and Introductory Palaeontology. Choice is introduced alongside core options of Global Tectonics, Sedimentology and Stratigraphy in the second year; options available include Structural Geology, Environmental Organic Systems and Mineral Deposits.

By the third year of study, there is one core course unit in Earth Surface Processes, and a variety of options such as Ecosystems of the Past, Seismic and Volcanic Hazards and Computer Applications in Earth and Environmental Sciences.

Alongside this individual project, elements such as the preparation of a poster presentation form an important part of final-year work.

Throughout the course, lecture material is balanced with practical and laboratory work.

The dissertation

All students undertake a dissertation, beginning the work during their second year and submitting the finished project after Easter in the third year. This is an opportunity to draw together the different strands of the course and to study a subject that you select and that really interests you. The dissertation requires you to conceive, plan, execute and write up a major independent and novel piece of research, and is largely unique to Geography among undergraduate programmes. Supervision is given by staff from whichever department seems appropriate to the topic selected.



Facilities, Societies and Careers

The Geography laboratories

All first-year students undertake practical sessions in the Geography laboratories. Second and third-year students' use of the laboratories will vary depending on the course units chosen.

Some units, such as the third-year option Managing the Uplands, are very laboratory-intensive. Group projects out in the field are followed up with a series of laboratory classes, where you are encouraged to develop laboratory skills under the direction of staff and academics. Students undertaking Physical Geography final-year dissertations are able to use the School's wide range of field resources, including coring, surveying and data-logging equipment. The laboratories have two full-time experienced members of staff to provide support for both students and academic staff within the School.

The suite of five Geography laboratories is situated on the ground floor of the Arthur Lewis Building and includes:

Main teaching laboratory

Most practical sessions take place in this laboratory and can accommodate up to 50 students.

Analytical laboratory

This houses facilities for the analysis of a wide range of major and trace elements. Equipment includes:

- Inductively Coupled Plasma Optical Emission Spectrometer (ICPOES)
- Ion Chromatograph
- Total Organic Carbon Analyser
- Laser Granulometer
- Particle Size and Shape Analyser

Microscopy laboratory

Here you will find three high-range, research-quality microscopes with image-capture facilities and 50 teaching microscopes with phase-contrast capability.

Sediments and project laboratories

These are used for sample preparation, including ovens, furnaces and ball mills.

Computing and technical facilities

Clusters

You will enjoy access to a wide range of high-quality computer services. Within the School there are computing facilities for undergraduate use in the Arthur Lewis Building and at Humanities Bridgeford Street. All have the Microsoft suite of programmes and many are equipped with specialist software, for example, for GIS. Wireless networking facilities are available through the Arthur Lewis Building and Humanities Bridgeford Street.

Library resources

There are a rich variety of library resources available for geographers. Library resources are concentrated in the University's Main Library. This is the largest university library system in the UK apart from the copyright libraries and has a number of different working spaces. The Main Library is also home to the University Map Collection, which comprises about 100,000 map sheets of every part of the world.

We also have our very own Kantorowich Library, based in Humanities Bridgeford Street. The Kantorowich contains many of the teaching and learning materials that you will need during your time in Manchester, from books and journals to DVDs and past dissertations, as well as photocopiers and computer access to the university's electronic information resources.

Working spaces – Arthur Lewis Common Room

As well as the different working spaces in the library, you can use the Arthur Lewis Building's Common Room. This big open space is networked for internet access and there are a number of networked PCs. The Common Room is handily located next to Arthur's Brew, our own coffee shop, so that you can get your caffeine fix while you're working.



At A-level, I studied Geography, Biology, Economics and General Studies. A key factor in my decision to study Geography at Manchester was that on attending an open day it was clear that the University was ambitious and committed to investing in the future. This is demonstrated by the recent opening of the Arthur Lewis building, which houses state-of-the-art Geography laboratory facilities, which I have enjoyed using on numerous occasions.

David Gaunt
BSc Geography



Facilities, Societies and Careers

Manchester University Geographical Society (MUGS)

The Manchester University Geographical Society (more affectionately known as MUGS) is a society run by geography students for geography students. It is the oldest society at the University, having been in existence for over 120 years. MUGS is your point of contact for anything from where the best bars and nightclubs are in Manchester, to the location of your first lecture, tutorial or seminar.

MUGS also organises many cheap social events throughout the year (often in fancy dress) where students mix with other year groups. This can prove invaluable when it comes to exam period or choosing courses for the next semester. They work closely with Invasion Manchester and club night promoters Rough Hill. This means that MUGS can offer a large range of discount wristbands and VIP entry during socials, which makes being a member truly worthwhile. The highlight of the social calendar is without doubt the end of year ball, or GloBall as it has been named. The event is always well run and organised, and attendees receive a three-course meal, champagne reception and the chance to mingle with different years and staff members. On the academic side of MUGS, intellectual interests are met with guest lecturers, seminars and debates being organised throughout the year. These can be a great source of knowledge when it comes to essay writing in the end of semester exams.

There are also two successful MUGS sports teams: Geography FC and MUGS Netball. In 2012, the MUGS Netball team were promoted to the first division of the Campus League. The coming academic year also sees the exciting emergence of the MUGS Mixed Hockey Team, who will enter the campus league. All the MUGS team are open to all abilities and all are welcome.

You will get a chance to meet a selection of the MUGS committee for the coming academic year during the Keswick orientation trip just prior to welcome week. It is useful to know who the committee are, because they are there for you and they are always willing to answer questions about life in Manchester that you may not wish to ask a member of staff.

If you can't wait until Keswick to see what MUGS is all about, then have a look at the website www.mugsoc.org or check it out on Facebook and Twitter.

We look forward to meeting you next year.



Careers

Geography has one of the best graduate employment records in the country, and Manchester geographers have an excellent record of gaining employment. Our graduates are employed in a wide variety of occupations, including finance, education, marketing, sales, the media, advertising, land management, environmental work, the diplomatic service, health service, law and social work.

Many others choose to undertake further study, either on masters or PhD programmes, often staying at Manchester to do so.

Geography and Geology graduates likewise go into a wide range of careers, from accountancy and management to environmental work and careers directly related to the earth sciences. Some graduates choose to undertake further study, including various forms of professional training, as well as masters and PhD programmes.

We have a 'careers noticeboard' to inform you of forthcoming events and your academic advisor may be able to advise you on employment. There is also a member of academic staff within Geography who is an employability expert and who will be available to give you advice on careers throughout your time with us.

In the shorter term, you may want to take advantage of the many job opportunities available in Manchester during the semester. The Careers Service may also be able to find you vacation work for the summer that is related to Geography or to your chosen career.

Skills development

Our degree courses in Geography are carefully designed to equip you with the skills that employers value most highly, including: initiative, flexibility, teamwork, communication, information retrieval and research skills, independence, and the ability to solve problems, prioritise and manage your own time effectively.

These skills are developed through lectures, small group work, fieldwork and, particularly, through our Applying Geography course unit in the second year. This unit draws on the expertise of the Careers Service, with whom we have strong links, and develops your skills within a geographical context, as well as helping you to prepare for job applications. The unit includes a section on writing your curriculum vitae, preparing for interviews and developing decision-making and negotiation skills, all of which feature in many recruitment exercises.

Our four-year programmes are designed to equip students with highly desirable skills. The experience of studying abroad evidences a high degree of flexibility and the capacity to adapt successfully to new environments and challenges, while the MGeog demonstrates a specialised knowledge and skill set.

The course in Geography and Geology will help you to not only pursue your interests in the earth sciences, but also develop a wide range of skills – in particular, communication skills, data gathering and analysis, use of the scientific method and more subject-specific skills, such as microscopy, sediment logging and analysis techniques.

Applying

Entry requirements

Geography BA 3yrs	Geography BSc 3yrs	Geography with International Study BA 4yrs	Geography with International Study BSc 4yrs	MGeog: integrated masters in Geography 4yrs	Geography and Geology BSc 3yrs
UCAS Code L700	UCAS Code F802	UCAS Code LF78	UCAS Code FL87	UCAS Code F800	UCAS Code FF68
GCSE or equivalent C English Language and Mathematics					GCSE or equivalent CCC English Language, Mathematics and a science
GCE A-level / Unit grades AAB	GCE A-level / Unit grades AAB	GCE A-level / Unit grades AAA	GCE A-level / Unit grades AAA	GCE A-level / Unit grades AAA	GCE A-level / Unit grades ABB Including a science and Geography
Scottish Advanced Highers AAB	Scottish Advanced Highers AAB	Scottish Advanced Highers AAA	Scottish Advanced Highers AAA	Scottish Advanced Highers AAA	Scottish Advanced Highers ABC One science and Geography
Scottish Highers AAAAB	Scottish Highers AAAAB	Scottish Highers AAAAA	Scottish Highers AAAAA	Scottish Highers AAAAA	Scottish Highers AABBC – Two sciences and Geography grade B
International Baccalaureate 33 points overall	International Baccalaureate 33 points overall	International Baccalaureate 35 points overall	International Baccalaureate 35 points overall	International Baccalaureate 35 points overall	International Baccalaureate 33 points overall
English language requirement IELTS 7.0 TOEFL 600; internet-based TOEFL 90					IELTS 6.5 overall

Please note: General Studies will not form part of the offer, but will be reviewed at confirmation.

For qualifications not listed above, please contact our School's Recruitment and Admissions Office.

Contact details are available on the page 27.

Student finance

Fees

Your tuition fees will cover the cost of your study at the University as well as charges for registration, tuition, supervision, examinations and graduation.

Payment of fees will also entitle you to membership of the Library, the Students' Union and the Athletic Union.

For information on fees, visit:

www.manchester.ac.uk/undergraduate/studentfinance

Funding

As one of the country's leading centres of research and learning, we are committed to attracting and supporting the very best students. If you have the talent and ability, we want to make sure that you have the opportunity to study here regardless of your financial circumstances.

More than a third of our students will receive bursaries of up to £3,000 per year and many will be offered even more generous support. Students who are eligible will be able to choose how they receive this support – either as a cash bursary or as discount on their fees or accommodation bill.

UK students are not required to submit an application for any of the University's means-tested awards. We will automatically identify eligible students on the basis of the household income data provided by the Student Loans Company.

The Manchester Bursary

The Manchester Bursary is available to any student who is registered on an eligible undergraduate degree course at The University of Manchester and who has had a full financial assessment carried out by Student Finance. This bursary is additional to the government package of maintenance grants.

For further information, visit:

www.manchester.ac.uk/undergraduate/studentfinance/home-eu-2013/university-scholarships-and-bursaries

The Herbertson Geography Merit Awards

Information about awards and bursaries given by the School for Geography undergraduate students will be published on our website at:

www.sed.manchester.ac.uk/undergraduate/fees

As an example, for 2012 entry, around 20 of our highest-achieving new students were awarded £1,000 as a cash bursary in recognition of their hard work and outstanding performance at A-level, International Baccalaureate or equivalent qualification.

Applying

Disabilities

Practical support and advice for both current students and applicants is available from our University's Disability Support Office (DSO) and our School Student Experience Administrator.

You should complete the relevant section on the UCAS form if you have believe that you have additional support needs arising from a long-term medical condition, specific learning disability (eg, dyslexia), mental health condition, or a disability. Our University fully complies with the Equality Act 2010.

Please be assured that ticking the disability box will in no way affect the normal screening of your UCAS form. You will be assessed in the normal way and decisions on calling to interview and offers will be made in accordance with the guidance given here for all candidates. However, if you have ticked the box, our DSO will have access to your application details so that they can offer assistance with your application and ensure that appropriate support is in place, if required. If you state a need for medical support, the DSO will normally send a referral to our Student Occupational Health Department. You may also independently contact the Student Occupational Health Department for advice (see contact details below). We will assess how the University might best address your support needs.

This process will not influence the academic decisions of our admissions office.



Further information is available from:

Disability Support Office:

The University of Manchester
Oxford Road
Manchester
M13 9PL

tel: +44(0)161 275 7512

email: disability@manchester.ac.uk

Equality and Diversity Office:

The University of Manchester
Oxford Road
Manchester
M13 9PL

tel: +44(0)161 306 5857

email: equalityanddiversity@manchester.ac.uk

Occupational Health Services:

Oxford Road site:

Occupational Health Services
The University of Manchester
Waterloo Place
182-184 Oxford Road
Manchester
M13 9GP

tel: 0161 275 2858

email: waterloocchealth@manchester.ac.uk

Sackville Street site:

Occupational Health Services
The University of Manchester
B22 The Mill
Sackville Street
Manchester
M13 9PL

tel: 0161 306 5806

email: millocchealth@manchester.ac.uk

**[www.studentnet.manchester.ac.uk/
occupational-health](http://www.studentnet.manchester.ac.uk/occupational-health)**

Find out more online

Accommodation

Discover your new home:

www.manchester.ac.uk/accommodation

Admissions and applications

Everything you need to apply:

www.manchester.ac.uk/ug/howtoapply

Alan Gilbert Learning Commons

Take a look around our 24/7, independent learning space

www.manchester.ac.uk/library/learningcommons

Careers

Take control of your career:

www.manchester.ac.uk/careers

IT Services

Online learning, computer access, IT support and more:

www.manchester.ac.uk/itservices

Library

We have one of the UK's largest and best-resourced university libraries:

www.manchester.ac.uk/library

Maps

Find your way around our campus, city and accommodation:

www.manchester.ac.uk/aboutus/travel/maps

Prospectus

Download or order a copy of our prospectus:

www.manchester.ac.uk/ug/courses/prospectus



Childcare

Balancing your studies with your caring responsibilities:

www.manchester.ac.uk/childcare

Disability support

Talk to us about any support you need:

www.manchester.ac.uk/dso

Funding and finance

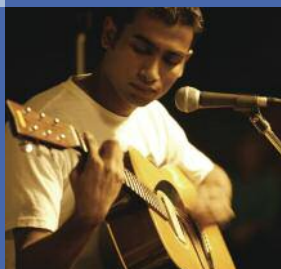
Get to grips with fees, loans, scholarships and more:

www.manchester.ac.uk/studentfinance

International students

Let us help you prepare for your time here:

www.manchester.ac.uk/international



Sport

Get active with our clubs, leagues, classes and facilities:

www.manchester.ac.uk/sport

Support

Let us help with any academic, personal, financial and administrative issues:

my.manchester.ac.uk/guest

Students' Union

Immerse yourself in societies, events, campaigns and more:

manchesterstudentsunion.com

Videos

Learn more about us on our YouTube channel:

www.youtube.com/user/universitymanchester





Contact details



Disclaimer

This brochure is prepared well in advance of the academic year to which it relates. Consequently, details of courses may vary with staff changes. The University therefore reserves the right to make such alterations to courses as are found to be necessary. If the University makes an offer of a place, it is essential that you are aware of the current terms on which the offer is based. If you are in any doubt, please feel free to ask for confirmation of the precise position for the year in question, before you accept the offer.

Want to know more about Geography at Manchester? Visit our YouTube channel for videos of our fieldwork, student opinions and much more:

www.youtube.com/sedmanchester

For the most up-to-date course information, visit our website:

www.sed.manchester.ac.uk/geography

Want to talk through your decision?

Call or email us for help and advice.

Dr James Rothwell

Geography Lecturer

tel 0161 275 3624

email james.rothwell@manchester.ac.uk

Dr Helen Wilson

Geography Lecturer

tel 0161 275 3664

email helen.wilson@manchester.ac.uk

Nicola Allard

Undergraduate Admissions

tel 0161 275 2804

email nicola.allard@manchester.ac.uk

The Recruitment and Admissions Administrator
School of Environment, Education
and Development
The University of Manchester
Arthur Lewis Building
Oxford Road
Manchester
M13 9PL
United Kingdom

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

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