Undergraduate Courses in
Geoscience
There is a real sense of community within the department. Lecturers are so approachable and you’re treated and respected as individuals. Choosing Leicester was the best choice I made for my future.

Hester, BSc Geology

Welcome to the Department of Geology

We believe that our world-changing research produces high-quality teaching – and will inspire you to go further.

At Leicester we consider education and knowledge to be a power for good. We aim to push the boundaries and discover ways to improve and change the world for the better.

For example, we are investigating whether the Earth has entered a new epoch. This research is changing our view of humanity’s place in Earth’s long history, and of how we can best manage our planet’s resources for present and future generations.

But it is your role in the science of the future that is crucial. We are here to help give you the chance to find your own way, make your own discoveries and put your mark on the world.
As a geoscience student at Leicester you will benefit from:
• A thriving department where you will be taught by internationally recognised geoscientists at the forefront of their field.
• Excellent student-staff relations with high student satisfaction levels.
• Enthusiastic staff using innovative teaching methods to inspire you to achieve your full potential.
• Small group teaching and tutorials providing individually tailored academic and pastoral support throughout your degree.
• An excellent field programme giving you opportunities for visits to Tenerife, Spain, Scotland and Wales.

We are looking for students who:
• Have an enthusiasm for scientific study and an enquiring mind.
• Are willing to embrace new ideas and challenge existing views.
• Enjoy problem solving and developing new skills.
• Are looking for a challenging degree course.

We encourage you to visit the department, either on a pre-application Summer Open Day, or a UCAS Visit Day once you have applied. You are guaranteed a warm welcome and will be able to talk to staff, as well as to our current geoscience students. We look forward to meeting you!

Gawen Jenkin - Schools Liaison Tutor
Sarah Lee - Admissions Tutor

Flexible courses so that you can follow your own interests and career aspirations.
• A wide variety of specialist modules, such as Physical Volcanology or Diversity and Evolution of Vertebrates.
• Active student geological societies who organise talks, field trips and departmental social activities.
• Opportunities to study abroad in North America, New Zealand and Europe.
• Unparalleled opportunities for vacation or year-out work experience resulting from our excellent links with employers.
• Excellent career prospects.
• Numerous scholarships and bursaries available to support your studies.

Why Choose Geoscience at Leicester?

Choosing a degree, and a university to study at, is a difficult task and is one of the major decisions you will make in your life. We hope you find all the information you need in this brochure or on our website at www.le.ac.uk/geology. If you need further advice, please do not hesitate to contact our admissions team.

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Exciting New Degrees

The new programmes have been built from our current successful degrees with an eye to future developments in the geosciences and the changing world we live in. Our aim is to further enhance the employability of our graduates into the middle of the 21st century. These new degrees cover the same breadth of content, but are delivered through a smaller number of modules. This will allow us to adopt a number of exciting teaching innovations and provide greater integration across the areas of geosciences. We are excited about these developments and hope that you will be too!

Why Choose Geoscience at Leicester?
Can I change degree programmes?

You can change from an MGeol degree to a BSc degree at any time until the end of the second year.

You can change from a BSc degree to an MGeol degree at the end of the first or second year, subject to satisfactory performance.

Continuation on the MGeol degree is conditional on achieving a sufficient level of performance in the second year assessment.

BSc (Honours) vs MGeol (Honours) Degrees

Alongside the flexibility to change between the different degree programmes we also ensure that it is possible to transfer between the three year (BSc) and the four year (MGeol) degree, such that you can graduate with the qualification most appropriate for your future career.

- Our BSc degrees offer an ideal three-year route if you are contemplating becoming a professional geologist or simply want to pursue your interest in geoscience. The variety of modules you study will provide all the knowledge and skills required for entry into a wide range of graduate jobs, or to pursue further studies through specialist MSc courses. Recent examples include students who have gone on to do an MSc in areas such as Hydrogeology or Petroleum Geoscience.

- The four-year MGeol degrees include a major cutting-edge independent research project on a topic chosen by you. During these projects you will have the opportunity to work with specialist analytical facilities and learn the skills required to succeed in a research environment, and there is a possibility that your research could be published in an international peer-reviewed journal. These degrees also include an additional field course, a module designed to enhance your communication and debating skills, and the opportunity to specialise further in your favourite subjects. These programmes are ideal if you aspire to fast-track your professional geological employment or to continue on to PhD research after graduation.

Students on the MGeol degree programme have the option of a year abroad in the third year.
I chose Leicester due to the enthusiasm and passion the lecturers have in the subject. The support and the friendly atmosphere is brilliant.

Chris, BSc Geology

**Geology BSc (Honours) and MGeol (Honours)**

**UCAS Code F600 BSc/F601 MGeol**

Three or four years, full-time

These degrees:
- Provide the knowledge and skills for understanding the theory and application of geology to Earth processes and systems.
- Integrate traditional sciences to provide a broad education in many aspects of the geosciences.
- Provide opportunities for extensive field experience with modules in Spain, Scotland and Wales, and offer specialist field courses including volcanology in Tenerife.
- Allow you to select modules in your third and fourth years to either retain a broad geoscience base or to create a more specialised degree.
- Equip you with the knowledge and skills for a career in industry or continued geoscience research.

**YEAR 1**

- Micro to Macro: from rock properties to plate tectonics
- Palaeobiology and the Stratigraphic Record
- Natural Resources and the Environment
- The Rock Cycle: our dynamic Earth
- Geological Maps and Structures
- Introductory Field Course (Arran)
- Tutorials – this module will develop your transferable, study and employability skills

**YEAR 2**

- Structure and Tectonics
- Sedimentology: Processes and Environments
- Magmatic and Metamorphic Processes
- Interpreting Geological Maps and Stratigraphy
- Earth and Ocean Systems
- Geological Field Methods (Spain, Anglesey and a UK-based field camp)
- Introductory Mineral Deposits
- Major Events in the History of Life
- Fundamentals of Geophysics

Core Module

Optional Module

**YEAR 3**

- Independent Field-based Project Dissertation – guided research on a topic on your choice
- Field Courses (one from):
  - Tenerife (Physical Volcanology)
  - NW Highlands (Geological evolution and tectonics)
  - Cornwall (Applied and Environmental Geology)
  - Welsh Basin (Palaeontology)
  - Midlands (Archaeological Geophysics)
- Planetary Science
- Environmental Geoscience
- Controls on Depositional Systems
- Earth Science
- Petroleum Reservoir Geophysics
- Geological Application of Microfossils
- Mineral Exploration and Evaluation
- Reflection Seismology

**YEAR 4**

- Masters Research Project
- Hot Topics
- Advanced Field Course (Overseas or Urban Geology)
- Evolutionary Palaeobiology
- Methods and Modelling in Palaeoclimatology
- Igneous Petrogenesis
- Ore Genesis
- Global Seismology

* MGeol only

**GEOLOGY COURSE STRUCTURE**

**University of Leicester Department of Geology**

The Geological Society Accredited degree course

Year abroad option for MGeol
The Applied and Environmental Geology course is a fantastic degree and gives me the training I need to pursue a career in mineral exploration.

Anthony, MGeol Applied and Environmental Geology

Applied and Environmental Geology BSc (Honours) and MGeol (Honours)

UCAS Code F610 BSc/F611 MGeol

Three or four years, full-time

These degrees:
- Prepare you to meet the fundamental challenges of locating and managing Earth resources whilst minimising the environmental impact of extraction.
- Help you understand the context of applying geoscience to human activities within the ever-changing needs and challenges of a growing world population.
- Equip you with the knowledge and skills to apply geology to industrial and environmental systems and become a highly employable geoscience graduate.
- Offer you unique subject-specific modules and great work experience opportunities around the world.
- Are commended for the excellence of the courses and the quality of the graduates.

The Geological Society Accredited degree course

Year abroad option for MGeol

The Geological Society

APPLIED AND ENVIRONMENTAL GEOLOGY COURSE STRUCTURE

YEAR 1
- Micro to Macro: from rock properties to plate tectonics
- Palaeobiology and the Stratigraphic Record
- Natural Resources and the Environment
- The Rock Cycle: our dynamic Earth
- Geological Maps and Structures
- Introductory Field Course (Arran)
- Tutorials – this module will develop your transferable, study and employability skills

Core Module
- Optional Module

YEAR 2
- Introductory Mineral Deposits
- Structure and Tectonics
- Sedimentology: Processes and Environments
- Magmatic and Metamorphic Processes
- Interpreting Geological Maps and Stratigraphy
- Earth and Ocean Systems
- Geological Field Methods (Spain, Anglesey and a UK-based field camp)

YEAR 3
- Mineral Exploration and Evaluation
- Environmental Geoscience
- Independent Field-based Project
- Dissertation – guided research on a topic of your choice
- Field Course – Cornwall (Applied and Environmental Geology)
- Advanced Mineral Deposits
- Planetary Science
- Controls on Depositional Systems
- Earth Science
- Geophysics
- Geographical Application of Microfossils

YEAR 4*
- Masters Research Project
- Ore Genesis
- Hot Topics
- Advanced Field Course (Overseas or Urban Geology)
- Methods and Modelling in Palaeoclimatology
- Igneous Petrogenesis

* MGeol only
You will instantly feel at home in the department as everyone is so welcoming, the staff are always willing to give extra help and support.

Ruth, MGeol Geology with Geophysics

Geology with Geophysics
BSc (Honours) and MGeol (Honours)

UCAS Code F660 BSc/F661 MGeol

Three or four years, full-time

These degrees:
• Develop specialist expertise in geophysical exploration methods and your skills in physics, maths and IT.
• Develop your knowledge of geophysics in the first and second years through modules and tutorials.
• Provide advanced third and fourth year modules to equip you for a career in industry or continued geophysical research.
• Provide hands-on geophysics project work to develop your practical skills, inspire your learning and fire your enthusiasm.
• Equip you with the skills for employment across a wide range of geoscience industries, from hydrocarbon exploration and production to hydrogeology, mineral exploration, engineering site investigation, environmental monitoring and archaeogeophysics.

The Geological Society
Accredited degree course
Year abroad option for MGeol

Earthquake hypocentres beneath England and Wales
© Anthony Hardwick

GEOLOGY WITH GEOPHYSICS COURSE STRUCTURE

YEAR 1
- Micro to Macro: from rock properties to plate tectonics
- Palaeobiology and the Stratigraphic Record
- Natural Resources and the Environment
- The Rock Cycle: our dynamic Earth
- Geological Maps and Structures
- Introductory Field Course (Arran)
- Tutorials – this module will develop your transferrable, study and employability skills

YEAR 2
- Fundamentals of Geophysics
- Structure and Tectonics
- Sedimentology: Processes and Environments
- Magmatic and Metamorphic Processes
- Interpreting Geological Maps and Stratigraphy
- Earth and Ocean Systems
- Geological Field Methods (Spain, Anglesey and a UK-based field camp)

YEAR 3
- Geophysical Data Analysis
- Reflection Seismology
- Independent Field-based Project
- Dissertation – guided research on a topic of your choice
- Field Course – Midlands (Archaeological Geophysics)
- Planetary Science
- Environmental Geoscience
- Controls on Depositional Systems
- Earth Science
- In Education
- Petroleum Reservoir Geophysics

YEAR 4*
- Masters Research Project
- Global Seismology
- Hot Topics
- Advanced Field Course (Overseas or Urban Geology)
- Methods and Modelling in Palaeoclimatology
- Igneous Petrogenesis

* MGeol only
It’s a great feeling to be taught by lecturers who are experts in their field and the cutting-edge research within the department is inspirational.

Chris, MGeol Geology with Palaeobiology

Geology with Palaeobiology
BSc (Honours) and MGeol (Honours)

UCAS Code F6C1 BSc/F6CC MGeol

Three or four years, full-time

These degrees:
• Combine the knowledge and skills base of a degree in geology with the development of expertise in the scientific study of fossils.
• Focus on palaeobiological themes, including all major groups of invertebrate fossils, vertebrate fossils and microfossils.
• Investigate major concepts such as the origin of life, patterns of evolution and extinction, the importance of exceptional fossil biotas, and the relationship between ecology and evolution.
• Include taught field modules with a palaeontological focus.
• Enable you to undertake an independent field-based project which may range from geological mapping in a fossiliferous area to field and laboratory analysis of fossils.

GEOLOGY WITH PALAEOBIOLOGY COURSE STRUCTURE

YEAR 1
- Core Module
- Optional Module
- Micro to Macro: from rock properties to plate tectonics
- Palaeobiology and the Stratigraphic Record
- Natural Resources and the Environment
- The Rock Cycle: our dynamic Earth
- Geological Maps and Structures
- Introductory Field Course (Arran)
- Tutorials – this module will develop your transferable, study and employability skills

YEAR 2
- Major Events in the History of Life
- Structure and Tectonics
- Sedimentology: Processes and Environments
- Magmatic and Metamorphic Processes
- Interpreting Geological Maps and Stratigraphy
- Earth and Ocean Systems
- Geological Field Methods (Spain, Anglesey and a UK-based field camp)

YEAR 3
- Diversity and Evolution of Vertebrates
- Geological Application of Microfossils
- Independent Field-based Project
- Dissertation – guided research on a topic of your choice
- Field Course – Welsh Basin (Palaeobiology)
- Planetary Science
- Environmental Geoscience
- Controls on Depositional Systems
- Earth Science in Education
- Petroleum Reservoir Geophysics

YEAR 4*
- Masters Research Project
- Evolutionary Palaeobiology
- Hot Topics
- Advanced Field Course (Overseas or Urban Geology)
- Methods and Modelling in Palaeoclimatology
- Igneous Petrogenesis

* MGeol only

The Geological Society Accredited degree course
Year abroad option for MGeol
Fieldwork

Fieldwork can be one of the most stimulating and enjoyable experiences of your time at the University of Leicester.

• Fieldwork costs are heavily subsidised by the University of Leicester so the costs to you are minimal.
• Our staff are involved in field-based research worldwide, ensuring that our teaching draws on active field experience.
• Our carefully designed field programme ensures that you will progress from undertaking basic field observations to synthesising complex geological histories using both your own observations and the broad-based geological knowledge you gained in your university studies.

First Year

An introductory module forms the foundation of your future field experience. This is based on Arran, a Scottish island with more geological variety per square kilometre than virtually anywhere else in the world (if you have already visited on a field trip, there is plenty more to see). You will rapidly acquire the necessary observational and recording skills through active participation in scientific discovery.

Second Year

Our training focuses on developing the skills and knowledge that will enable you to carry out your own geological fieldwork in a variety of terrains. You will learn how to make your own advanced observations and interpretations in the field and develop a practical understanding of how landscapes have evolved through deep time.

In Spain you carry out field mapping and sedimentary logging exercises in an arid terrain and examine a range of sedimentary environments, whilst expertise in examining and interpreting structurally complex rocks is developed in Anglesey.
Third Year
Our advanced field training will develop your ability to evaluate interpretations. The style is that of professional field courses, with active debate between students and leaders to analyse the significance of your observations.

Following additional field training in your second year, you will undertake an Independent Field-based Project. This is an exercise in practical, deductive geology and forms an important part of the degree. You choose the field area, allowing you to develop your geological interests. This project demonstrates determination, motivation and an ability to solve problems based on your own observations, as well as developing your self-confidence and organisational skills.

In **Tenerife** you can study pyroclastic rocks on the third largest volcano in the world. In the **northwest Highlands** you can examine classic areas of British geology such as the Moine Thrust zone. In **Cornwall** you can examine a classic area of economic mineralisation and the environmental consequences of mining. Geophysics students will gain hands-on experience of near-surface geophysics and seismology through fieldwork in the **Midlands**. Palaeobiology students will examine the geology, palaeontology and evolution of the **Welsh Basin**.

Fourth Year
Fourth year students have the option of an overseas field course, where you will use multidisciplinary data to unravel complex geologic relationships and the evolution of a region. Alternatively, you can further your understanding of the Anthropocene (The Age of Humans) through the study of urban geology.

**Note**
Different combinations of field modules listed here are available for students on each degree course – you should check the listing on each degree page to see modules available for that degree. Current field locations are listed, but changes occasionally occur, in which case courses will be replaced by another of similar quality.

Safety training on Arran

Second year field course, Spain

Fieldwork gives you a chance to put into practice the skills you learn in lectures and practicals, expand on them and ultimately become a better geologist. It gives you a chance to meet other people on the course and develop close friendships, as well as gaining new ideas by sharing knowledge.

Lydia, BSc Geology
MGeol students have the option of spending the third year of their degree studying at an overseas partner university. Current partners are the:

- University of Arizona, Tucson, North America
- University of Canterbury, Christchurch, New Zealand

The Department of Geosciences at the University of Arizona is a top-ranked American department and Arizona boasts world-class geological localities from the Grand Canyon and Monument Valley to the Petrified Forest and Meteor Crater. New Zealand is a beautiful and geologically diverse country and the University of Canterbury provides excellent educational facilities for geology students.

You are also able to participate in the Erasmus scheme which provides an invaluable opportunity for students on all our degrees to spend one or two semesters studying at a European University, improving foreign language skills and experiencing a different academic and social culture.

Our Geological Societies

Our Peter Colley Sylvester Bradley (PCSB) student society, which has recently won the University’s Academic Group of the Year award, organises many events including regular talks by external speakers and field trips (recently Ingleton, Yorkshire Coast, Wales, the Lake District, mine visits and the Natural History Museum). The society also organises the Annual Ball, as well as parties and barbecues.

The Applied and Environmental Student Society (Society of Economic Geologists) and the Palaeobiology Society both organise field trips, social events and talks by external speakers. A Geophysical Student Society, affiliated to the American Association of Petroleum Geologists and the Society of Exploration Geophysicists, also has a regular talk programme, runs a specialist geophysics library, monitors ‘Vardyquakes’ and works with local schools to promote seismology.

Choosing to go to New Zealand was the best decision I’ve ever made. There were so many interesting modules and everyone was super friendly. The field trips were great, from climbing up volcanoes to mapping active faults - I even experienced a few earthquakes!

Sadie, MGeol Geology

Sadie on her year abroad in New Zealand

Study Abroad

Year abroad option for MGeol

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Teaching
We employ a diverse range of teaching methods to ensure you are challenged and engaged at all stages of your degree. The proportion of independent project work increases throughout your degree.

- Each year group has their own study area, readily accessible and equipped with specimens.
- Transferable skills teaching, including computing and maths, are integrated into course modules.
- Supervised practical classes are closely integrated with lectures.
- Students are actively encouraged and guided into independent study.
- There is ready access to teaching staff.

Independent and teamwork projects are integral parts of modules in every year.

- Diverse assessment methods include coursework, fieldwork, independent reports/projects, seminars, oral and poster presentations and computer-based tests, as well as formal examinations.
- Each student has a personal tutor who provides pastoral and academic support.
- Modules are designed and delivered by geoscience experts at the forefront of their field.

Supporting Your Studies

- Independent and teamwork projects are integral parts of modules in every year.
- Diverse assessment methods include coursework, fieldwork, independent reports/projects, seminars, oral and poster presentations and computer-based tests, as well as formal examinations.
- Each student has a personal tutor who provides pastoral and academic support.
- Modules are designed and delivered by geoscience experts at the forefront of their field.

Student Feedback
You will be provided with non-assessed feedback on every module to help you improve and prepare for assessed work.

- Student questionnaires give direct feedback on modules.
- An active Student-Staff Committee allows students to raise any issues relating to their studies and suggest and discuss course developments.

Facilities
You will have access to our departmental student resource room as well as state-of-the-art lecture theatres and practical laboratories.

- Classic geological localities in the beautiful surrounding countryside.
- Excellent ICT facilities, including open access computer rooms in the Department of Geology and a geological map library.
- Extensive, award-winning collections of more than 120,000 rocks, minerals and fossils support student learning.
- High quality analytical facilities such as our Scanning Electron Microscope are available for undergraduate projects.
- Superbly supported fieldwork programme in terms of equipment and technical support.
- Undergraduates may carry out research with the NERC Isotope Geoscience Laboratory and British Geological Survey at nearby Keyworth.

Accredited Degrees
All our degrees are accredited by The Geological Society, which is the professional body for geologists in the UK. Their accreditation panel said that our courses are “excellent”, and they were “particularly impressed by the amount of fieldwork undertaken.”

Third year field course to Cornwall
Geological mapping training
X-ray diffractometer training
Work Experience

Students on any of our courses can incorporate year-out or vacation placements in industry and the public sector.

Gaining relevant work experience during your degree is hugely advantageous when entering the graduate job market. Through our links with industry, we have a large number of students who undertake (often very well paid!) work experience during their vacations, or through a year out in industry. Such work experience gives our students a strong competitive edge in securing permanent employment.

Recent placements include work in a number of sectors with a range of companies. In the mineral exploration and mining sector this has included Cupric (Botswana), Exploration Network (Finland), Micromine (Mongolia), Ivanhoe (Australia) and First Quantum (Mauritania). In the environmental and geo-conservation sector: British Antarctic Survey, National Grid, E.on, Aquaterra, Aggregate Industries and The Earth Heritage Trust. In the hydrocarbons sector: BG Group, Statoil, Neftex and Chemostrat. In addition, students have also gained placements working in volcano observatories and working as science communicators in museums.

Work Experience in Industry

You can take a year out to gain work experience in industry on all our degrees. Because of our strong links with employers many of our students also gain valuable work experience during summer placements.

I spent one month in Vanuatu with the Vanuatu Geohazard Observatory where I mapped lava flows on the flanks of a remote volcano and helped create hazard information for the observatory. The locals were very friendly, the scenery was breathtaking and I’d love to go back one day!

— Eleri, MGeol Geology

I spent two weeks during the summer working with British Gypsum near Loughborough. I had the opportunity to carry out a range of tasks that included core logging, chemical analysis of samples, GIS hazard map generation, and a mine visit. This period provided me with some great experience in the mining industry, and also helped me to gain contacts that have been able to give me advice on future careers in geoscience.

— Ross, BSc Geology

I completed two weeks of work experience with Hanson cement at the Ribblesdale works. This was a great opportunity and gave me the opportunity to learn about profiling and drilling before blasts, rock removal and crushing and the general workings of a quarry. I also spent time in the main control room and the labs. This was invaluable as it allowed me to see how an entire cement plant works.

— Megan, BSc Geology
Careers

Careers with a Geology degree

Our degrees provide the knowledge, technical and transferable skills required to launch you into a career of your choice and equip you for the challenges ahead. We have developed a programme of employability training alongside the integration of key industry skills into our teaching program, where we work with employers to ensure relevant content is delivered and is constantly kept up to date.

Many of our graduates work as geoscientists involved in the exploration for, and extraction and development of, energy, mineral and water resources. Our graduates are also employed in the environmental sector, addressing issues of climate change, sustainability, waste management, environmental monitoring and remediation. Some graduates have moved directly into other professions (e.g. teaching, banking, the media, management and the police).

Careers Support

The department has a dedicated careers tutor, with several years experience working as a geologist in industry, who works with the University Careers Service to deliver an exclusive and tailored Career Development Programme through your degree. The department organises a Careers Day each year with involvement from a host of companies across the geosciences sector. Career opportunities are advertised within the department through direct email and social media.

Industry Links

More than 50 companies are actively involved with the department by funding major research projects, offering work experience, providing data and logistical support for student projects and giving specialist lectures. We have particularly close links with the British Geological Survey, BG Group, Aggregate Industries, Micromine and a number of mineral exploration companies, and many students complete projects with support from these organisations.

University Careers Service

Our Career Development Service can help you gain the extra dimension you need to stand out - real-world skills and qualities that will not only enhance your early career prospects, but will stay with you for life. The way to make most use of this is for you to work with them from the moment you arrive at Leicester.

The Career Development Service looks at the bigger picture and encourages you to be reflective and think about what you want out of a career. You can then explore your options and begin looking at what you need to do to fulfill your ambitions.

Your academic talent is a key ingredient to success, but having relevant experience is another vital element in securing that dream role after you graduate. The Career Development Service provides a multitude of opportunities to ensure you’re able to acquire the experience needed to get that all-important foot on the ladder. So whether you want to make a difference in the voluntary sector or be the next big thing in media, there are specially designed programmes and activities that can support you in getting the skills, experiences and exposure you need.

The Career Development Service has its own network of graduate employers who tell them what they want in an employee in terms of skills and knowledge. Graduate employers visit campus all year round, offering workshops and talks on different career pathways. You have the chance to network, get the inside knowledge on industries and find out exactly what employers are looking for.

www.le.ac.uk/careers

I’m working as a Volunteer Research Volcanologist studying Volcán de Colima, North America. I’ve really enjoyed my experience so far. My job involves collecting samples and data from the volcano itself as well as analysing data in the lab.

Matt, BSc Applied and Environmental Geology – now working at the Volcano Research Centre in Colima, Mexico
Scholarships
The University offers a generous package of undergraduate scholarships to students including: reduced tuition fees for students who have strong entry qualifications, and reduced tuition fees and help with living costs for students from less well-off backgrounds. Music and sport scholarships are also available.

www.le.ac.uk/fees

Aggregate Industries and Carl Zeiss Microscopy Bursary Schemes
We run career-track bursary schemes with these companies that are exclusively for our Geology undergraduates. These schemes involve work experience and fourth year project work with the company, with bursaries to students totalling £13,000 per year.

Department Academic Prizes
We offer competitive prizes and awards in each year for academic achievement and overall performance. In addition, students have won bursaries for volcanology and mineral deposit field courses in North and South America based on their excellent fieldwork skills, and have been awarded University travel bursaries for extra-curricular overseas visits. We also offer Holloway Bursaries for those interested in developing their skills in geological outreach.

Employment Record
Our graduate employment record is excellent; over 90% of all our graduates (BSc and MGeol) who were available for work were in employment or further training six months after graduation. For those going in to work, over half do so as geologists, geophysicists and other scientists. Typically around a quarter of our graduates go on to do further study, with many gaining places on highly competitive PhD programmes.

Graduate Destinations 2014
- Full-time work (58%)
- Part-time work (10%)
- Work and further study (3%)
- Full-time study (13%)
- Part-time study (2%)
- Unemployed (9%)
- Other (5%)

Scholarships and Prizes

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We offer competitive prizes and awards in each year for academic achievement and overall performance. In addition, students have won bursaries for volcanology and mineral deposit field courses in North and South America based on their excellent fieldwork skills, and have been awarded University travel bursaries for extra-curricular overseas visits. We also offer Holloway Bursaries for those interested in developing their skills in geological outreach.

Employment Record
Our graduate employment record is excellent; over 90% of all our graduates (BSc and MGeol) who were available for work were in employment or further training six months after graduation. For those going in to work, over half do so as geologists, geophysicists and other scientists. Typically around a quarter of our graduates go on to do further study, with many gaining places on highly competitive PhD programmes.

Graduate Destinations 2014
- Full-time work (58%)
- Part-time work (10%)
- Work and further study (3%)
- Full-time study (13%)
- Part-time study (2%)
- Unemployed (9%)
- Other (5%)
Information for Applicants

How to Apply
Applications should be made through Universities and Colleges Admissions Service (UCAS).
www.ucas.ac.uk

Entry Requirements
Qualifications in Geology are welcome, although we assume no previous knowledge of Geology.

Typical Offers
For all BSc degrees ABB. For all MGeol degrees AAB.

Grades usually from three best A-levels, but two AS levels considered instead of one A-level only.

A/AS levels for all degrees: Preferred subjects include at least two from: Biology, Chemistry, Computer Science, Environmental Science, Geology, Geophysics, Mathematics or Physics. English, General Studies, a foreign language or other arts subject are normally accepted as the third A-level.

Additional requirements for Geology with Geophysics degrees: One A Level must be Physics or Mathematics.

Year Abroad Degrees
Year abroad option for MGeol
To apply for our Year Abroad programmes in Arizona you should apply for the MGeol degree (Geology; Applied and Environmental Geology; Geology with Palaeobiology; Geology with Geophysics) that best suits your interests; for the Year Abroad in New Zealand apply for MGeol Geology. You register your interest in the Year Abroad programme in the first year. To be considered for the year abroad, requires a 65% average by the middle of the second year. Places are limited, and selection is based on academic thresholds determined by the department.

Mature and International Students
We welcome mature and international students - visit our website for additional information. All our degrees are compliant with the Bologna accord.

Open Days
The University holds Open Days in July, September and October, when anyone interested in our courses is welcome to visit the department. In addition, all applicants offered places are invited to one of our UCAS visit days held between November and March. All Open Days and visits offer an opportunity not only to see the campus, the department and the Halls of Residence, but also to meet and talk to the Admissions Tutors, other academic staff and students.

Contact Details
The Admissions Tutor, Department of Geology, University of Leicester, University Road, Leicester, LE1 7RH, UK
Phone: +44 (0)116 252 3912
Fax: +44 (0)116 252 3918
Email: geology@le.ac.uk

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Other qualifications, including those listed below, are welcomed for entry to all our degrees: International Baccalaureate, European Baccalaureate, OU courses, Access to HE course, BTEC Nationals, Leicestershire Progression Accord, Irish, Scottish and Welsh qualifications, other international qualifications.

Typical Offers
For all BSc degrees ABB. For all MGeol degrees AAB.

Grades usually from three best A-levels, but two AS levels considered instead of one A-level only.

A/AS levels for all degrees: Preferred subjects include at least two from: Biology, Chemistry, Computer Science, Environmental Science, Geology, Geophysics, Mathematics or Physics. English, General Studies, a foreign language or other arts subject are normally accepted as the third A-level.

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Student Profiles

Stuart, BSc Geology
“Being inspired to study geology after visiting Yosemite and wanting to understand the processes that shape our planet, I came to Leicester to study geology. I have really enjoyed the course, and being a mature student has definitely proven to be a benefit rather than a barrier. I was attracted to Leicester due to the excellent reputation of the teaching staff and the department’s world class research. Given the added pressure of having a family, the support given to me by Leicester has been fantastic. Opportunities to apply course-learnt skills in the field (my favourite part), really enhance the overall depth of the course, and after my degree I would like to specialise in sedimentology.”

Romina, MGeol Geology with Geophysics – now studying for her PhD
“I graduated from the University of Leicester with a MGeol in Geology with Geophysics. My time at University has given me a wonderful passion for geophysics and a certainty that I really do not want to do anything else. The Department of Geology has become my second home. The lecturers are leaders in their field and no one could be more patient with the endless knocks on their office doors. The department is small enough that everyone knows and helps each other, and fieldwork especially creates an immediate friendship through the shared adventures. My four years here have been amazing.”

Stuart, Mature Student
Romina, International Student
Sports Facilities
You can enjoy a workout, take a swim or build up a sweat in a fitness class at our modern sports centres on campus or at Manor Road (next to our accommodation). You can also get involved with our sports clubs, which welcome members of all abilities. Keen competitors can also represent the University through Team Leicester, the hotly-contested Varsity matches and our thriving Intramural events. www.le.ac.uk/sports

Library
The award-winning David Wilson Library is a light, airy, five-storey building providing state-of-the-art facilities for all our students.

We invest over £6 million per year in the Library. Self-service loan and return, group study rooms, hundreds of PCs, netbook loans, wireless access throughout, a staffed Help Zone in the Library and online, 24/5 opening during term time, plus a bookshop and café create a first-class study environment.

There is access to a digital library of over 50,000 electronic journals and 500,000 eBooks – as well as over one million printed volumes. Our digital library can be accessed from anywhere you have an internet connection.

Our Librarians provide detailed advice on finding and using information, and help you make the most of the resources available in the Library and on the web. You can also use our online guides to finding information for your research or coursework.

www.le.ac.uk/library

Attenborough Arts Centre
The Attenborough Arts Centre is the University’s own arts centre, offering a vibrant programme of events, music, spoken word, and exhibitions in its new gallery and performance spaces. Attenborough Arts offers you the chance to try something new, from a variety of arts courses to hula hoop dancing or creative writing. There are special discounts for students. Or if you just want a break from your studies you can enjoy free lunchtime music performances or have a drink at the café.

www.attenborougharts.com

Campus
On our bustling compact campus it’s impossible to walk from one end to the other without bumping into someone you know along the way. The campus is a vibrant community, with all manner of places to meet, eat and drink, as well as study. We’re committed to providing you with high quality facilities and resources that meet the needs of modern and ambitious students.

Students’ Union
The Students’ Union is brimming with opportunities that will make your time at Leicester unforgettable. The spectacular Percy Gee building boasts superb facilities, including the fantastic live music venue, O2 Academy Leicester. You are encouraged to get involved with the SU – there are over 200 student societies covering a huge range – sport, politics, media, performing arts and much, much more. It’s a great way of meeting new people, gaining skills or trying something completely different!

www.leicesterunion.com

Accommodation

Our accommodation offers you a wide variety of choice, whether you fancy self-catered or catered, en-suite or standard.

www.le.ac.uk/accommodation

Private accommodation is available through our lettings agency, SUlets.

www.sulets.com

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Student Life
Leicester is a lively and diverse city and the tenth largest in Britain. It has all the activities and facilities you would expect, with a friendly and safe atmosphere. The city centre is just a short walk from campus so you'll never be far from the action.

Leicester’s diverse heritage is reflected in a dazzling array of festivals and cultural experiences including one of the largest Diwali celebrations outside India, the UK’s longest running Comedy Festival and the University’s hugely successful book festival – Literary Leicester.

Leicester is home to several cinemas, theatres, museums and galleries, including the world-class Curve Theatre and independent Phoenix Square.

A city of sporting excellence, sports fans will need no introduction to the remarkable Leicester City and their phenomenal Premier League title victory. The 2016/17 season promises more excitement as they compete in the UEFA Champions League for the first time. You can also watch top-class English and European rugby at Welford Road, home of the mighty Leicester Tigers. The Leicester Riders are a formidable presence in the British Basketball League (BBL), and during the summer months, Leicestershire County Cricket Club competes in the county championship and T20 Blast competition.

For shoppers, Highcross features 110,000 square metres of retail therapy, café bars and restaurants. Those with independent tastes should explore Leicester Lanes with its variety of boutiques and specialist shops.

As you would expect from a true student city, there is a huge choice of bars, clubs and live music venues that cater for all preferences. Food lovers are treated to a fantastic selection of restaurants, with specialities available from every corner of the world.
This brochure was published in June 2016. The University of Leicester endeavours to ensure that the content of its prospectus, programme specification, website content and all other materials are complete and accurate. On occasion it may be necessary to make some alterations to particular aspects of a course or module, and where these are minor, for example altering the lecture timetable or location, then we will ensure that you have as much notice as possible of the change to ensure that the disruption to your studies is minimised.

However, in exceptional circumstances it may be necessary for the University to cancel or change a programme or part of the specification more substantially. For example, due to the unavailability of key teaching staff, changes or developments in knowledge or teaching methods, the way in which assessment is carried out, or where a course or part of it is over-subscribed to the extent that the quality of teaching would be affected to the detriment of students. In these circumstances, we will contact you as soon as possible and in any event will give you [30 days] written notice before the relevant change is due to take place. Where this occurs, we will also and in consultation with you, offer you an alternative course or programme (as appropriate) or the opportunity to cancel your contract with the University and obtain a refund of any advance payments that you have made.