Fieldwork is an exciting and interesting way to develop your practical skills. You’ll gain hands-on experience of a wide range of environmental, ecological, geological and social situations in the local area. You’ll also have the opportunity to travel further afield or even overseas on a range of exciting field courses that will place your studies in the context of real-world issues.

Environmental and Earth Sciences

BSc/MSci Environmental Science
- Alpine Environmental Processes, Switzerland
- Environmental Field Course, Carrock Fell
- Hydrological Processes, Slapton Ley
- Water, Society and the Istrian Landscape, Croatia
- Various local field excursions

BSc/MSci Earth and Environmental Science
- Alpine Environmental Processes, Switzerland
- Environmental Field Course, Carrock Fell
- Geological Mapping, Isle of Mull
- Hydrological Processes, Slapton Ley
- Volcanic Processes, Mount Etna
- Various local field excursions

Geography

BSc/BA/MSci/MArts Geography
- Investigating Mediterranean Environments, Spain
- Hydrological Processes, Slapton Ley
- Water, Society and the Istrian Landscape, Croatia
- Alpine Environmental Processes, Switzerland
- Volcanic Processes, Mount Etna
- Inequality in the City, New York
- Conservation and Sustainable Development, Brazilian Amazon
- Various local field excursions

BA/MArts Human Geography
- Investigating Mediterranean Environments, Spain
- Hydrological Processes, Slapton Ley
- Water, Society and the Istrian Landscape, Croatia
- Alpine Environmental Processes, Switzerland
- Volcanic Processes, Mount Etna
- Inequality in the City, New York
- Conservation and Sustainable Development, Brazilian Amazon
- Various local field excursions

BSc/MSci Physical Geography
- Investigating Mediterranean Environments, Spain
- Hydrological Processes, Slapton Ley
- Water, Society and the Istrian Landscape, Croatia
- Alpine Environmental Processes, Switzerland
- Volcanic Processes, Mount Etna
- Various local field excursions

Costs

Lancaster University will cover the core fieldwork costs of any compulsory modules, though you may be required to cover some additional costs (such as food). Where fieldwork is part of an optional module, the total cost will be subsidised by Lancaster University.

For more information
Please visit our website: www.lancaster.ac.uk/lec/undergraduate

Contact us
@LancasterEnvironmentCentre @LancsUniLEC @lancaster_environment

Disclaimer: The information in this leaflet relates primarily to 2021/22 entry to the University and every effort has been taken to ensure the information is correct at the time of printing in June 2020. The University will use all reasonable effort to deliver the course as described but the University reserves the right to make changes after going to print. You are advised to consult our website at www.lancaster.ac.uk/study for up-to-date information before you submit your application.

Further legal information may be found at www.lancaster.ac.uk/compliance/legalnotice
**Environmental Field Course**

**Carrock Fell**

Enjoy a week with your fellow students in the nearby Lake District and learn about the importance of land and water management needed to succeed in the Environmental Sciences.

Based at Carrock Fell, you will visit various locations to study the effects of human activity on land and water quality. During this field course, you will develop practical skills and understanding of the natural environment.

*Date: Easter Vacation*
*Year of Study: Second*

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**Geological Mapping**

**Isle of Mull**

Study geologic and geomorphologic processes and develop your Earth science field skills. Design your field tripp to the Isle of Mull. During this field course, you must learn to collect field data in order to make a geologic map. This will also visit some of the oldest rock formations in the UK, which formed during the opening of the Atlantic Ocean. As such you will be able to understand a wide range of geologic terrains. As part of the module, you will also complete practical skills, including mapping techniques, how to plot structural data and be able to recall aspects of British geological history.

*Year of Study: Second*
*Date: May*

*This is a compulsory field course for Environmental Science/Earth and Environmental Science students*

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**Hydrological Processes**

**Slapton Ley**

Our week-long trip to Slapton Ley in Devon offers a unique opportunity to study an important environmental issue, restoration of damaged lakes and wetland areas. During the intensive week-long field course, you will learn to identify and assess the impacts this will have on water quality. During this field course, you will develop hydrological, geological and surveying skills whilst also developing your lab skills in relation to water chemistry.

*Year of Study: Third*
*Date: Easter Vacation*

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**The Brazilian Amazon**

This fascinating place to explore the conservation and development challenges facing tropical forests. Based at the Amazon basin, you will visit a range of tropical wildlife from hummingbirds to river dolphins, sloths, caiman and howler monkeys. You will visit people’s homes and agricultural plots to understand the many challenges faced by the local community. This trip will spend time in the beautiful forests, walking along remote trails and canoeing in the flooded forest. This is a unique opportunity to work with Amazon experts from Lancaster Environment Centre and understand the challenges of pursuing biodiversity conservation whilst also reducing poverty. We will learn how to assess and conserve biodiversity and forest carbon stocks and assess rural livelihoods. This week-long residential field course in south-west Switzerland.

*Year of Study: Third*
*Date: Easter Vacation*

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**Volcanic Processes**

**Mount Etna**

Visit Europe’s largest active volcano, Mount Etna, and study the complex processes that take place both on the surface and beneath volcanoes. During this intensive week-long field course, you will explore the plumbing of the volcanic plumbing processes that take place, including lava flow emplacement, explosive events and the evolution of a volcanic field. You will learn how to evaluate methods of managing volcanic hazards and study the heavily populated active volcanoes.

*Year of Study: Third*
*Date: Easter Vacation*

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**Investigating Mediterranean Environments Spain**

We visit an area in Spain of steep environmental gradients, ranging from arid Mediterranean coastal environments to the wettest conditions along the Mediterranean coast up to the tundra on the slopes of the Sierra Nevada. Throughout the trip, you will be able to understand Mediterranean biogeography, biodiversity, landscape activity and altitudinal variations in soils and vegetation. Working in small groups, you will learn how to design, implement and critically evaluate research projects that investigate a diverse range of environmental issues.

*Year of Study: Second*
*Date: Christmas Vacation*

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**Inequality in the City New York**

This field course offers you the opportunity to engage critically with the geography and inequality of New York City. Throughout the course, you will study the links between cultural, economic, political and social processes and the ways they influence urban landscapes and life in New York City.

*Year of Study: Third*
*Date: Easter Vacation*

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**Local Field Excursions**

Nestled between the Lake District, Yorkshire Dales National Park, Areas of Outstanding Natural Beauty and nearby major cities such as Manchester, Lancaster’s Geography department placed study environments and geographical processes. You will have the opportunity to develop your skills through regular visits to the local area and highlights include:

- Study a local area to learn about environmental conservation and how conservation priorities are determined.
- Develop field and observational skills studying water flow in a cave system in North Yorkshire.
- Visit Hazlewood, our very own weather monitoring station, adjacent to our campus, to study the radiation balance of the atmosphere.
- Unravel the geological history of the area and learn geoscience techniques at the Howardian Hills.
- Critically explore how the physical infrastructure of Saltford and Manchester is experienced by different groups of people.
- Learn first hand how and why water is treated before being released into the environment.
- Explore the possibilities offered by green energy solutions through a visit to renewable energy installations in Balmeside village, Cumbric and at James Cropper plc, a paper mill and major local employer.

*The availability of field courses is dependent upon your scheme of study*

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**Alpine Environment Switzerland**

Gain an in-depth understanding into Alpine environments during our intensive week-long residential field course in south-west Switzerland. During this course, you will collect significant amounts of field data focussed on one of the most important study themes spanning glaciology, soils, ecology and hydrology. Once back at Lancaster, this field course is assessed by a written research paper and a professional presentation. The project provides an inspiring foundation into the science and understanding of how these possibly sensitive ecosystems are changing.