



**ENVIRONMENTAL
SCIENCE AND
OUTDOOR
EDUCATION
AND
ENVIRONMENTAL
GEOGRAPHY
AND OUTDOOR
EDUCATION**



BSc (Hons)

ARE YOU STIRLING?



REASONS TO CHOOSE THIS COURSE

1 SUBSTANTIAL OUTDOOR LEARNING OPPORTUNITIES

Modules across Outdoor Education, Geography and Environmental Science incorporate substantial outdoor learning opportunities.

2 GET WORK-BASED EXPERIENCE WHILE YOU LEARN

The work placement module allows you to gain work experience in areas relevant to your degree and gain credit towards your degree for doing so.

3 GAIN YOUR MOUNTAIN LEADER AWARD

Both degrees offer the opportunity to gain your Mountain Leader Award as part of your university degree.

WHY STUDY ENVIRONMENTAL SCIENCE AND OUTDOOR EDUCATION OR ENVIRONMENTAL GEOGRAPHY AND OUTDOOR EDUCATION?

These unique degrees fuse learning in Environmental Science or Environmental Geography with practical skills-based learning in outdoor and environmental education. You'll graduate with a degree in Environmental Science or Environmental Geography and Outdoor Education, including the opportunity to gain your Mountain Leader Award as an integral part of your degree. The degrees include tuition in core aspects of our academic degrees, including environmental issues, landscape evolution, human impact on the environment, environmental techniques and core issues in geography, along with outdoor leadership, mountain skills and environmental education. This combined approach will allow you to enter a wide range of relevant careers – from outdoor instructor through to environmental consultant or ecologist.

COURSE DETAILS

Academic components of the degree will give you a strong foundation in understanding processes as diverse as the formation of the Earth and local landscapes and society through to impacts of radioactivity and how to manage and restore populations and habitats.

VARIED TEACHING METHODS

Varied teaching methods will allow you to develop a functional understanding of the issues covered by your degree so that you can apply them to the systems that you'll manage and the problems that you'll solve in your future career. You'll spend a considerable amount of time out in our exceptional Scottish landscapes, both on field courses and gaining experience for your Mountain Leader Award.

COMBINING THEORY AND PRACTICE

These courses include a solid grounding in environmental science or environmental geography together with practical training in navigation, mountain hazards, outdoor safety and the design and delivery of outdoor programmes with environmental and ecological learning outcomes. The optional but included Mountain Leader Award combines all of these aspects into a qualification recognised by the outdoor education industry and the Adventure Activities Licensing Authority (AALA).

Both programmes include an optional five-day field course in the UK in year 2, and 3rd year options for field classes in Spain or Iceland. Costs are for these are subsidised but a financial contribution is required.

Stirling is ranked 4th in Scotland and top 20 in the UK for Environmental Science and Geography.

PRACTICAL LEARNING AND ASSESSMENT

Coursework assessments include outdoor education lesson planning, landscape interpretation and preparing environmental consultancy reports, giving students highly employment-relevant training whilst studying for their degree. In outdoor education components, students will get to learn from some of the UK's top mountaineering instructors and outdoor educators. Strong links exist between Biological and Environmental Sciences and outdoor education and environmental management employers giving students the opportunity to get hands-on experience of working with industrial partners during their degree.

“This is a unique degree that offers a solid grounding in environmental science complemented with outdoor experience and leadership – balancing scientific training with broad career opportunities”

Daniel Souto

BSc (Hons) Environmental Science and Outdoor Education

CAREER OPPORTUNITIES

The combination of an Environmental Science or Environmental Geography and the Summer Mountain Leader Award is attractive to employers whose focus is on raising public awareness of the environment and teaching in an outdoor environment. Likely occupations for such graduates include environmental and ecological consultancy, countryside rangers and environmental educators based in outdoor centres and field centres. In addition, students will be equipped to undertake employment in the same professions as our standard Environmental Science and Environmental Geography graduates.

95%

OF STUDENTS WERE SATISFIED WITH THE QUALITY OF THE COURSE

UNISTATS 2016

ENVIRONMENTAL SCIENCE AND OUTDOOR EDUCATION
stir.ac.uk/47 **FX99**

ENVIRONMENTAL GEOGRAPHY AND OUTDOOR EDUCATION
stir.ac.uk/ns **Y21C**

MINIMUM REQUIREMENTS

YEAR 1 ENTRY – FOUR-YEAR HONOURS

SQA Highers:

AABB – one sitting

AAAB – two sittings

GCE A-levels:

BBB

IB Diploma:

32

BTEC (Level 3):

DDM

Essential subjects:

To include one of Biology, Chemistry, Environmental Science, Geography, Geology, Mathematics or Physics.

YEAR 2 ENTRY – THREE-YEAR HONOURS

Entry is possible, subject to approval of individual qualifications.

OTHER QUALIFICATIONS

Scottish HNC/HND:

Scottish HNC/D - Bs in graded units

Advanced entry

Please visit <http://stir.ac.uk/ay>

Access courses:

Access courses and other UK/EU and international

ADDITIONAL INFORMATION

General entrance requirements apply. Please visit <http://stir.ac.uk/av> for detail

PART TIME, ADVANCED ENTRY AND STUDY ABROAD OPTIONS AVAILABLE

TYPICAL TIMETABLES

ENVIRONMENTAL SCIENCE AND OUTDOOR EDUCATION

Year	Semester	Module 1	Module 2	Module 3
1	1	Building the Planet Earth	People & Environment, Cell Biology or Practical Science Skills	Navigation & Mountain Skills
	2	Landscape Evolution	Global Environmental Issues	Development and application of Outdoor Education
2	3	Biogeography	Field Skills or Advanced Degree Skills	Mountain Leader Training
	4	Statistics	The Biosphere, Environmental History or Hungry Planet	Responsibilities and Safety in Outdoor Education
3	5	Geographical Information Systems	Environmental Policy & Management, Geoarchaeology, Soil Quality & Protection, Outdoor Education in Practice: Work Placement	
	6	Environmental Hazards	Option Module (as below)	Mountain Leader Assessment (optional)
4	7	Honours Dissertation	Option Modules eg: Drainage Basins, Remote Sensing, Water Management, Conservation Management, Agriculture & Food in 21st C, Habitat Management and Restoration, Glacial Environments,	
	8		Conservation Biology, Sustainable Energy Management	

ENVIRONMENTAL GEOGRAPHY AND OUTDOOR EDUCATION

Year	Semester	Module 1	Module 2	Module 3
1	1	Building the Planet Earth	People & Environment	Navigation & Mountain Skills
	2	Landscape Evolution	Global Environmental Issues	Development and application of Outdoor Education
2	3	Biogeography	Field Skills or Advanced Degree Skills	Mountain Leader Training
	4	Statistics	The Biosphere, Environmental History or Hungry Planet	Responsibilities and Safety in Outdoor Education
3	5	Geographical Information Systems	Environmental Policy & Management, Palaeoecology, Outdoor Education in Practice: Work Placement, Geoarchaeology,	
	6	Contemporary Issues in Environmental Geography	Option Module (as below)	Mountain Leader Assessment (optional)
4	7	Honours Dissertation	Option Modules eg: Drainage Basins, Remote Sensing, Water Management, Conservation Management, Agriculture & Food in 21st C, Habitat Management and Restoration, Glacial Environments,	
	8		Conservation Biology, Sustainable Energy Management	

■ Compulsory module * Options may vary

CONTACT

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ARE YOU STIRLING?