ENVIRONMENTAL SCIENCE AND OUTDOOR EDUCATION
AND ENVIRONMENTAL GEOGRAPHY AND OUTDOOR EDUCATION
BSc (Hons)

ARE YOU STIRLING?
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.

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.
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 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.

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 stir.ac.uk/ay

Access courses:
Access courses and other UK/EU and international

ADDITIONAL INFORMATION
General entrance requirements apply. Please visit stir.ac.uk/av for detail

PART TIME, ADVANCED ENTRY AND STUDY ABROAD OPTIONS AVAILABLE

TOP 5 IN SCOTLAND FOR GEOGRAPHY AND ENVIRONMENTAL STUDIES
The Guardian University Guide 2019
## TYPICAL TIMETABLES

### ENVIRONMENTAL SCIENCE AND OUTDOOR EDUCATION

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Module 1</th>
<th>Module 2</th>
<th>Module 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Building the Planet Earth</td>
<td>People and Environment, Cell Biology or Practical Science Skills</td>
<td>Navigation and Mountain Skills</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Landscape Evolution</td>
<td>Global Environmental Issues</td>
<td>Development and application of Outdoor Education</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>Biogeography</td>
<td>Field Skills or Advanced Degree Skills</td>
<td>Mountain Leader Training</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Statistics</td>
<td>The Biosphere, Environmental History or Hungry Planet</td>
<td>Responsibilities and Safety in Outdoor Education</td>
</tr>
<tr>
<td>3</td>
<td>5</td>
<td>Geographical Information Systems</td>
<td>Environmental Policy and Management, Geoarchaeology, Soil Quality and Protection, Outdoor Education in Practice: Work Placement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Environmental Hazards</td>
<td>Option Module (as below)</td>
<td>Mountain Leader Assessment (optional)</td>
</tr>
</tbody>
</table>

### ENVIRONMENTAL GEOGRAPHY AND OUTDOOR EDUCATION

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Module 1</th>
<th>Module 2</th>
<th>Module 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>Building the Planet Earth</td>
<td>People and Environment</td>
<td>Navigation and Mountain Skills</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>Landscape Evolution</td>
<td>Global Environmental Issues</td>
<td>Development and application of Outdoor Education</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>Biogeography</td>
<td>Field Skills or Advanced Degree Skills</td>
<td>Mountain Leader Training</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>Statistics</td>
<td>The Biosphere, Environmental History or Hungry Planet</td>
<td>Responsibilities and Safety in Outdoor Education</td>
</tr>
<tr>
<td>3</td>
<td>5</td>
<td>Geographical Information Systems</td>
<td>Environmental Policy and Management, Palaeoecology, Outdoor Education in Practice: Work Placement, Geoarchaeology,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>Contemporary Issues in Environmental Geography</td>
<td>Option Module (as below)</td>
<td>Mountain Leader Assessment (optional)</td>
</tr>
</tbody>
</table>

- Compulsory module
- * Options may vary

## CONTACT

Dr Alan Law  
Faculty of Natural Sciences  
T: +44 (0) 1786 467770  
E: alan.law1@stir.ac.uk  
W: stir.ac.uk/natural-sciences

Student Recruitment and Admissions  
T: +44 (0) 1786 467046  
E: recruitment@stir.ac.uk

stir.ac.uk/65

JOIN OUR COMMUNITY

![Facebook icon](facebook.png)  
![Twitter icon](twitter.png)

ARE YOU STIRLING?