

Environmental Science (Landscape Ecology)

BSc (Hons)

This course aims to provide students with an opportunity to develop a knowledge of, and enthusiasm for, environmental science as well as a recognition of the importance and relevance of the subject to society, both at a national and global level.

Course content

This inter-disciplinary programme provides a science-based degree focusing on the scientific concepts and principles which are of particular importance for understanding the natural environment, together with specialist and in-depth experience of selected topics and an extended opportunity to carry out applied research.

The programme has several specialist routes, as well as a generic programme allowing students to build a tailored programme and slant their degree towards areas of particular interest. BSc Environmental Science (Landscape Ecology) represents a particular pathway on the BSc Environmental Science degree.

Field and lab-based activity is an important component of the course. Avenue Campus has a nature reserve and there are also excellent habitats nearby that are used for practical work.

In the first stage you will gain a broad knowledge and understanding of the principles of environmental science. Specialisation in the Landscape Ecology pathway comes at stages two and three.

Stage one

Students are introduced to a range of basic scientific concepts and theories of environmental science and the development of laboratory and fieldwork skills.

Stage two

Environmental law, research methods, and habitat ecology and management form the core of the second stage. In addition, there is a choice of modules from air and water - processes, contaminated land, biogeography, and a fieldwork module.



Course level

Undergraduate

Modes of study

Part time, Full time

UCAS or UKPASS details

UCAS code: FD74

UCAS description: BSc/EnvLE

School

School of Science and Technology

Location

Avenue Campus

Course contact

study@northampton.ac.uk

Avenue Campus
St George's Avenue
Northampton
NN2 6JD

Park Campus
Boughton Green Road
Northampton
NN2 7AL

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Stage three

The research project forms the backbone of the final stage with compulsory modules in sustainable development: land use and planning, and landscape ecology. In addition, there are biodiversity and conservation, and career planning and placement.

Special course features

- Fieldwork opportunities in the UK and overseas
- Climate Change, Landscape Ecology and Wastes specialist routes available
- Fully equipped Geographical Information Systems lab
- Work-based components to develop professional skills in the work environment
- Fully-equipped modern laboratory for practical work such as identifying organisms

Typical modules

- Biogeography
- Career Planning and Placement
- Contaminated Land
- Environmental Law
- Habitat Ecology and Management
- Landscape Ecology and Restoration
- Water Resource Management

Types of assessment

A wide range of assessments are used including laboratory and field reports, oral presentations, time-constrained tests as well as end-of-stage examinations.

Entry requirements

Standard entry requirements apply. A typical offer is around 260-300 UCAS tariff points. We welcome international applicants and applications from students with a range of non-traditional educational or professional qualifications.

Courses for progression

- [Environmental Management MSc](#)
- [Wastes Management MSc](#)

Career opportunities

This programme provides the knowledge and skills necessary for a career related to environmental science. Graduates from this and other similar degree programmes at The University of Northampton have found employment in a wide range of organisations including the Environment Agency, Anglian Water, Natural England, the Wildlife Trust, local authorities, and with wastes management companies/consultancies. Other graduates have gone on to further study, such as research degrees.

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