



MSc by Research: Environmental Management

The MSc by Research: Environmental Management is taught by leading experts at Nottingham Trent University (NTU) alongside practicing environmental consultants from Loreus Ltd. It is a highly vocational and professional course.

Course aims

This course aims to give you:

- knowledge and experience at the forefront of environmental management;
- the skills needed to manage natural resources sustainably within the context of economic growth;
- the opportunity to conduct research at the highest level;
- a post-graduate qualification making you attractive to employers in this field.

Course outcomes

At the end of the course, you will be able to:

- deal with complex environmental issues;
- become an environmental consultant, particularly in the area of environmental management systems and auditing;
- conduct research at the boundaries of knowledge in this professional discipline.

Course benefits

Designed by experts

With 20 years' experience, the practising environmental consultants at Loreus have developed this course with the leading academic experts in environmental management at Nottingham Trent University.

Flexible e-learning

You can study full-time or part-time and some of the theoretical material is delivered by distance e-learning so you can work at your own pace, any time, anywhere.

Easy to use

The e-learning system has an intuitive user interface that simply guides you through the course.

Gain a qualification

At the end of the course you will have a highly vocational and prestigious qualification at masters level, that will enable you to stand out from the crowd.

Entry qualifications

To join the course, you will normally be expected to meet one of the following requirements:

- To hold a good undergraduate degree or equivalent in a relevant discipline such as earth or natural sciences, geography, law or business studies.

OR

- Such other qualification(s) and experience as the Admissions Panel at NTU deem to be equivalent in subject content and level of attainment, for example, work experience in a relevant area.

How much does it cost?

Currently the MSc costs:

- £6,800 pa full-time;
- £3,400 pa part-time.

For further information, please go to the NTU masters website, or contact Loreus using the details given below.

Working through the course

Some of the modules are delivered by distance e-learning and contain case studies and quizzes for you to assess your understanding of the principles involved. Other modules are delivered in Nottingham.

The Practical Resource Management module is delivered as a seven-day, intensive residential field course, where you will meet the other people on your course and your tutors from academia and the commercial world.

The research project is the culmination of the course. You will be provided with detailed guidance on how to complete a research project successfully, the milestones that must be achieved and the timescales involved.

How long does the course take?

You can study one year full-time or two-years part-time.



Assessment

There are no formal examinations involved although there are open-book tests in the two distance learning modules. Assessed work will take one or more of the following forms:

- Written assignment
- Case studies
- Open book computer tests
- Field course report
- Oral presentation
- Research proposal
- Research poster
- Research project thesis

Course Syllabus

The MSc is divided into 7 modules as follows:

Advanced Environmental Management (20 credit points (cp) distance learning)

This module provides you with the background you need to understand the Earth's natural systems. It also explains the legal framework for protecting the environment and managing environmental improvement.

Environmental Management Systems (ISO 14001) (20 cp distance learning)

This module gives you the theoretical and practical skills needed to develop, implement and operate an environmental management system (EMS) conforming to the international EMS standard BS EN ISO 14001:2015. EMSs are designed to improve the environmental performance of organisations of any size and character by a process of continual improvement and ensure they comply with legal and other requirements.

Practical Resource Management (20 cp seven-day residential field course)

On the field course, you apply the theoretical knowledge and skills you gained in the distance learning theory modules to real-life situations. This module is delivered on a seven-day residential field course, so if you are in full-time employment or studying abroad, you can still attend the course and meet the other students on your course as well as your tutors.



Business and Enterprise (20 cp with attendance)

The aim of this module is to introduce you to the world of commercial bioscience, and to build a basic understanding of the critical issues, imperatives and forces at work that direct academic and commercial organisations.

Research Methods and Bioethics (20 cp with attendance)

This module gives you the key skills and knowledge required to successfully complete a masters-level research project. It covers areas such as research planning, data analysis, report writing and the critical assessment of relevant publications.

Scientific Analysis, Review & Presentation (20 cp blended learning)

This module will enable you to gain the relevant skills required to accurately report scientific research. This module is delivered through a series of online tutorials sessions, where you will learn from staff and through peer discussions, how to research, analyse and report on scientific findings relevant to your course.

Research Project (60 cp flexible learning)

The research project is the culmination of your masters degree. This module gives you an opportunity to investigate a current topic in environmental Management at the highest level. There is a good deal of flexibility in your choice of topic for your research project. For example, you could research how to design, develop and establish an environmental management system in your own organisation or conduct field-based environmental research. If you can attend the University campus in Nottingham, you could also conduct a laboratory-based, environmental research project.