Do you want to help find solutions to environmental issues?

MSc/MRes Environmental Science

www.abdn.ac.uk/msc/environmental-science
The systematic approach of this programme enables students to deal with all scales of the environment. **The tools used include biological, chemical and physical measurements as well as models and data handling methods.**

The MSc/MRes Environmental Science programme at Aberdeen will provide students with:
- An appreciation of the impact of environmental conflicts
- An ability to apply classroom and field work knowledge to real environmental issues
- Opportunities to learn from world renowned researchers using cutting edge research methods

This MSc/MRes is ideal for postgraduate students, those looking to retrain in environmental science, academics and Government employees looking to further their career, develop industry contacts and remain at the forefront of the science.
Our MSc/MRes in Environmental Science aims to train students to **recognise and understand the threats and conflicts in the environment today.**

Throughout the programme you will benefit from opportunities to work outdoors and apply your classroom and field work knowledge to real life situations.

This MSc/MRes programme prides itself on delivering state of the art training in environmental science. Extensive contributions from industrial and Government agency representatives as well as a cosmopolitan student makeup, ensures the programme looks beyond national boundaries.

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**Our research for terrestrially related environmental sciences is ranked number 1 in the UK.**

(Research Excellence Framework 2014)
You will benefit from being involved in events with **external speakers, site visits, applied technique sessions** and a residential field trip.

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**What will you study?**

The taught part of the programme offers a wide range of courses to suit your needs depending on the career path you wish to follow.

In the third term you will undertake an original research project which can be field, laboratory or desk based, or a combination of these. For those interested in a Masters by Research (MRes) this project will be over a longer duration with a higher credit bearing.

Courses available to you include:
- Environmental Pollution
- Core Skills for Environmental Sciences
- Soils for Food Security
- Plant Ecology
- Global Soil Geography
- Environmental Analysis
- Remediation Technology
- Environmental Impact Assessment
- Application of GIS in Environmental Science, Soil Science and Environmental Microbiology
- Biology and Ecology of Mycorrihizas
- Freshwater Ecology

These courses are subject to change and students should check our online prospectus for the most up-to-date information. More information on our MSc/MRes course content is available at: www.abdn.ac.uk/msc/environmental-science.
The MSc/MRes provides you with the opportunity to learn outside the classroom so you can apply both theory and practice to real life situations.

How will you learn?

The teaching of our MSc/MRes Environmental Science programme is lecture based with self-directed learning and tutorials to support the lecture material.

Some of the teaching methods employed in the programme include:
- Outdoor field work
- Research placements
- Access to industry experts
- Insight into real-life situations
- Research-led teaching taught by Key Opinion Leaders

On-going support is provided by the University’s dedicated team of experienced researchers, who will be tutoring you.
Aberdeen is an ambitious city with a high student population and a multicultural community. It has a thriving economy and a prospective job market, making the city a popular choice for graduates.

Why choose to study at Aberdeen?

− You will benefit from being taught by people who are internationally renowned researchers and experts in their field
− The networking opportunities that the programme offers will give you a competitive advantage over other graduates elsewhere in the UK
− Obtaining an MSc from Aberdeen means being more attractive to employers and having access to more job opportunities upon graduating
− The unique location of Aberdeen provides you with the opportunity to carry out field research in various different environments, including the North Sea, the countryside, nature reserves and Sites of Specialist Environmental Interest

The University of Aberdeen has an international reputation for excellence in inter-disciplinary research in terrestrial, aquatic and marine environments.

Aberdeen is home to Dr Jon Hillier and his team who developed the award winning ‘Cool Farm Tool’, a greenhouse calculator used by Unilever, Marks & Spencer’s, Costco and Heinz.

Award winning Climate Change research was carried out at the University by Professor Pete Smith, winner of the British Ecological Society Marsh Award 2014.
Upon completion of your studies you will be equipped with the **knowledge, understanding and practical experience** to play a role in resolving environmental conflicts.

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**Career opportunities**

Completing the MSc will widen your job prospects and help you build an invaluable network of contacts that will prove useful in establishing your career in environmental science.

On graduating from the programme, you will have several career options available to you, some of which include:
- Careers in the environmental science industry in roles such as Environmental Consultant, Nature Conservation Officer, Water Quality Tester, Toxicologist and Environmental Health Practitioner
- Further study (PhD)

"The MSc Environmental Science provided me with a broad and comprehensive background in environmental science, biology and chemistry, which allowed for a range of potential career directions. I currently work on contaminated land assessment and remediation. Attributes I gained from the MSc, specifically the broad scope of my environmental expertise, computational pollutant fate modelling (and also statistical skills), scientific discipline and writing skills, which helped me secure this role."

**Dr Nigel Turner**
MSc Environmental Science Graduate
*Project Engineer at Fairhurst, Civil Engineering Consultants*
The University of Aberdeen MSc in Environmental Science has a strong emphasis on **multi-disciplinary working which provides an excellent learning environment for postgraduate students.**

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**Programme details**
Courses are delivered over 12 months with a combination of lectures, lab practicals, field sampling and tutorials, amounting to approximately 20 hours per week. The final stage includes the preparation of a project thesis in the format of a manuscript for a scientific journal.

**Admissions criteria**
Prospective students should normally have, or expect to be awarded, a minimum of a lower second-class Honours degree (or equivalent) in a relevant subject, from a recognised university. Enquiries are welcomed from all prospective students, regardless of first degree subject, who can demonstrate an adequate level of competence and ability for postgraduate training.

Interviews will be required for applicants with non-conventional qualifications and international applicants must also meet the English Language Requirements of the University.

**Want to know more?**
Contact Professor Graeme Paton or Dr Gareth Norton, Programme Co-ordinators at graduateschool-clsm@abdn.ac.uk who will be delighted to discuss the opportunity with you.

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[www.abdn.ac.uk/msc/environmental-science](http://www.abdn.ac.uk/msc/environmental-science)