



University
of
Dundee



Accredited at Associate level by the
Institute of Environmental Management & Assessment



Environmental Management
MA Hons

MA (Hons) in Environmental Management

What is Environmental Management ?

Environmental management aims to make responsible use of natural, economic and human resources in ways that protect and improve the environment. It seeks to protect valued ecological assets, manage local areas in the most appropriate way and enhance the relationship between people and the natural environment. Today environmental management aims to secure the important principles of sustainable development which seeks to put in place stewardship of the environment for this and future generations.

Environmental Management at Dundee

Environmental Management is taught in partnership with an undergraduate programme in Town and Regional Planning and together they constitute one of the departments in the School of Social Sciences. The department's teaching provision was approved by the Scottish Higher Education Funding Council in the 1998 Teaching Quality Assessment exercise. It secured the highest overall profile awarded within the planning and landscape cognate area in Scotland. The staff are drawn from a wide area of environmental, planning, economic and social science disciplines and are supported by visiting lecturers from practice. The Geddes Centre for Planning Research is based in the department. The main areas of research interest are sustainability indicators, ecological modernisation, national parks, minerals, countryside planning as well as regional planning and governance.



The Learning Environment

The department, which is housed in purpose-built premises offering lecture theatre, seminar rooms, library, computing and exhibition space, provides a modern and friendly learning environment. Class sizes range from a maximum of fifty down to small groups. Staff and students operate on a first name basis. Extensive use is made of computing facilities, where students have access to a suite of PCs and video editing equipment. Our web site and Email facilities are important for the provision of information to students. There is an active student environmental society which organises practical work projects and visiting speakers. Students contribute to the running of the programme through the staff/student consultative committee.

Beyond the University campus, the city of Dundee and its wider hinterland provide opportunities for students to gain first hand experience of the challenges which face environmental management professionals. The region contains many important examples of site regeneration and renovation projects, such as the conversion of derelict land to recreational use, new measures to minimise pollution and improve waste water discharge, innovative schemes for revitalising rural communities and new methods of environmentally responsible waste disposal. There is thus ample scope for student project work to focus on contemporary environmental management issues.



Typical Offer

Applicants must normally obtain passes at either

SQA Highers:BBBB grade

GCE A-levels:CCC grade

Applicants with Advanced Highers, EDEXCEL, AGNVQ, SQA, GSVQ(III), Irish Leaving Certificate and International Baccalaureate will be very welcome. We accept applicants from access programmes for both school leavers and mature students. Although many of our students have taken a geography course at school, there are no specific subject requirements for first year entry.

We are able to consider applications for **second year entry** into the environmental management degree programme from candidates who have passes in geography and economics at Advanced Higher or GCE A-level, or who have relevant HND qualifications.

The Degree Programme

Teaching environmental management at Dundee began in 1993 and the first cohort of students graduated in 1997. The programme, which is recognised as a Signatory Course by the Institute of Environmental Management & Assessment, provides both an academic and vocational training for those wishing to enter either the environmental management profession or other related fields. Its aims are:

- to provide students with knowledge, understanding, and skills in the theory and practice of environmental management so that they are prepared for entry to a variety of professional careers concerned with management of the natural and built environment as well as enhancing their prospects for entry to other non-environmental careers.
- to provide a stimulating and supportive learning environment in which students are able to fulfill their educational potential in a way which enhances their employment prospects within and beyond environmental management and which also contributes positively to their personal and social development.

Students will become aware of the processes of environmental change and the techniques used by natural scientists to monitor and explain these. They will also need to be familiar with the systems of control and regulation applied to land use and discharges of waste to the environment. The ability to put this body of knowledge and these skills together helps environmental managers determine the optimal way in which the environment should be used.



The structure of the degree is shown on the diagram below. The first two years of study establish a robust foundation of knowledge, techniques and skills necessary to the environmental manager. These include topics such as environmental economics, environmental law and environmental resource management. Practical exercises form an important part of the learning experience. Recently, for example, students have examined flooding issues in Moray; formulated proposals for informal recreation facilities in the Dundee rural fringe, developed a conservation strategy for the Cairngorms and carried out an environmental audit for part of the university campus. In addition, recent international study visits have been made to Malta and the Netherlands. You may have the chance to spend some time at the University of Nijmegen as part of an ERASMUS/SOCRATES exchange or spend the whole of second year studying in Canada as part of a Trans Atlantic Exchange.

This learning foundation is built upon in years three and four. Core courses develop student understanding of environmental economics, law and practice as well as applied management, GIS and contemporary environmental issues. To complement the core courses, students have the opportunity to choose an area of specialised study, through the selection of options and the preparation of a dissertation on a related subject. The Option courses currently on offer are as follows:

- Planning in the Countryside
- Environmental Assessment
- Environmental Resource Management
- Environmental Remote Sensing
- Landscape Design and Management

Typical Honours Programme

Year 1	Year 2	Year 3	Year 4
Sustainable Development and the Environment	Management in Built and Natural Environments	Ecological Economics	Critical Environmental Agendas
Countryside Planning and Management	Introduction to Environmental Law	Environmental Law and Practice	Option
The Physical Environment	Management and Monitoring	Business and Environment	Option
Environments for Life	Mechanisms and Measurements	Option	Dissertation
Planning Perspectives	Ethics and Skills		
Design and the Environment	Global Economic Perspectives		

Career opportunities

Dundee-qualified environmental managers hold interesting and challenging posts in a wide range of environment based careers. The degree equips the graduate with in-depth knowledge in Environmental Management to compete for careers in the rapidly growing public and private environmental sectors. Many private companies engage environmental managers to help achieve compliance with environmental regulations and to conduct business in an environmentally responsible manner. Specialist environmental agencies include the Environment Agency, Scottish Environment Protection Agency and Scottish Natural Heritage. Many local authorities now employ environmental managers to promote local projects involving residents and commercial groups in pursuance of Local Agenda 21 initiatives. There is a growing number of Environmental Consultancy practices who carry out environmental assessment and monitoring.

The nature of environmental work is as varied as the organisations which employ environmental managers. These pen pictures of a few recent honours graduates help to illustrate the range of career opportunity.

- *Abigail Hayes*, from Cambridgeshire now works for a private consultancy which specialises in environmental monitoring. She chose to examine water quality issues for her final year research project and now finds this is one of her main duties in employment.
- *Keir McAndrew*, from the north west of England is now a Policy Development Officer with the Scottish Environment Protection Agency.
- *Joan Tarmey*, from Ireland is an Environmental Awareness Officer with Clare County Council. Joan spent her second year in British Columbia on a Transatlantic Exchange where her studies focused on rural issues and project management.
- *Ben Steele*, from Northumberland is now working as a graduate Environmental Consultant for Waterman Environmental (part of the Waterman group) based in Glasgow. Following graduation, Ben successfully completed a Masters Research Degree in Civil Engineering at Dundee before taking a year out to travel around Asia, Australia, New Zealand, America and Canada.
- *Ian Heaven*, from Hertfordshire now works for Hinckley & Bosworth Borough Council as Local Agenda 21 Co-ordinator. His duties are to promote the principles of sustainability both within the Council and throughout the community. Ian came to university as a mature student and feels that it was the best thing he ever did.

Should you decide not to become an Environmental Manager, the MA(Hons) programme provides you with a sound knowledge and understanding of the environment and social sciences, proof of your problem solving ability and skills in IT, communication and team working. In an increasingly competitive jobs market these qualities have allowed graduates to obtain rewarding posts in other careers such as business management, retailing, computing, tourism and the armed forces.



The Institute of Environmental Management & Assessment

The Institute is committed to the promotion of more sustainable business practices in industry, commerce and local government. It is a professional body which establishes standards of education and practice for those working in a range of environmental management situations. The honours degree in Environmental Management has been fully accredited at Associate level by the Institute of Environmental Management and Assessment such that any student passing with a Second Class Honours and above is automatically granted Associate member status on joining the professional body. This entitles the new member to the title AMIEMA. Should you like more information about the Institute and careers in environmental management you should contact:

*Institute of Environmental Management & Assessment,
St Nicholas House, 70 Newport, Lincoln, LN1 3DP
Tel: 01522 540069, E-mail: info@iema.net,
web-site: www.iema.net*

How to apply for entry to the programme

All applications must be made through the Universities and Colleges Admission Service (UCAS), P O Box 67, Cheltenham, Glos GL50 3SF. If you are applying from a UK school, you will normally find a copy of the UCAS Handbook and application forms available from your school.

We actively participate in the University's equal opportunities policy and welcome applications from those with special needs. We also welcome applications from mature and international students.

We invite all of our applicants to one of our Post Application Visit Days, which are organised on a regular basis from January to March. These provide a chance to meet members of staff and learn more about the programme, to look at the facilities in the department and University and to talk with students. We are happy to arrange mutually convenient, separate visits for potential applicants and those who cannot attend on a Visit Day.

Further information

If you would like further information about admissions to this professionally recognised programme please contact:

*Admissions Tutor
Town and Regional Planning,
University of Dundee,
13 Perth Road
Dundee DD1 4HT
Tel: (01382) 385243 Fax (01382) 204234
Email b.m.illsley@dundee.ac.uk*

You can find out more about Environmental Management at Dundee and our MA (Hons) Degree by visiting our web site at:
<http://www.trp.dundee.ac.uk>