

University of
Hertfordshire **UH**

Environmental Management



Postgraduate Courses

CIWEM Chartered Institution of
Water and Environmental
Management
Accredited Course





Environmental Management MSc

Whether you are a graduate looking for a career in environmental management or an experienced environmental professional, our Environmental Management programmes enable you to develop the knowledge and skills required to implement environmentally sustainable solutions within businesses and organisations around the world.

Postgraduate degrees in Environmental Management

Three named degree pathways are available within the MSc programme:

- Environmental Management
- Water and Environmental Management
- Environmental Management for Agriculture

Your chosen pathway provides you with the opportunity to develop an individually structured course, which best meets your interests and needs in environmental management. Further details can be found on the individual pathway pages in this brochure.

The following awards are also available. Please contact admissionsenvman@herts.ac.uk for further information.

“ Completing this course gave me all the tools I needed to practically incorporate an environment management system into day-to-day operations of a large business. ”

Alister Leggatt
MSc Environmental Management graduate

Why study Environmental Management at the University of Hertfordshire?

Expertise and facilities: Environmental Management has been taught at the University of Hertfordshire for over 20 years, so our depth of experience in teaching and delivering highly employable graduates to the sector is second to none. Combined with a brand new state-of-the-art science building and our Bayfordbury field station, you can be assured of the highest quality teaching and facilities to support your studies.

Flexible modes of study: You can study this degree part-time or full-time starting in September or January.

The taught elements of modules are studied as 'short courses' lasting two to three days. Short courses can also be studied independently without enrolling on the full MSc. This model of delivery ensures that study can be combined with full-time employment.

Professional recognition: The MSc programme is accredited by The Chartered Institution of Water and Environmental Management (CIWEM) and the Institute of Environmental Management & Assessment (IEMA).

Support: You will benefit from an allocated personal tutor, selected text books included in fees, catering provided on short courses, free inter-library loans.

Location: Hatfield is 20 minutes away by train from London. We are also within easy reach of London's Heathrow, Gatwick, Stansted and Luton airports.

About the course

The MSc Environmental Management provides a flexible and broad approach to study and provides a firm grounding in the essentials of environmental management, including environmental auditing, the choice, design and use of a range of environmental tools and methods including EIA, ERA, Lifecycle Assessment and knowledge of environmental policy and legislation. Studying on this accredited Environmental Management MSc is the first step to becoming a Chartered Environmentalist.

Seven core modules are taken and students then choose three optional modules.

Core modules

- Sustainability and Environmental Systems
- Foundation in Environmental Auditing
- Managing Change for Environmental Management
- Environmental Policy and Governance
- Environmental Management Tools and Methods
- Research Methods
- Individual Research Project

Optional modules

- Sustainable Energy
- Transport Policy and Travel Planning
- Integrated Waste and Pollution Management
- Ecology and Conservation
- Water Resources or Water Pollution Control
- Environmental Management Systems Implementation
- Agriculture and Environment
- Integrated Crop Protection

Career opportunities

Graduates have gained employment in a wide variety of roles in the private and public sectors, including environmental consultancy, NGOs, local Government, water supply companies and Government agencies.

Entry Requirements:

A first or second class degree in any subject. Applicants with other qualifications and relevant experience will be considered individually by the Programme Leader. Accredited Prior Learning (APL) is available for those with AIEMA and may be available for those with suitable relevant experience.

Course Length:

Full-time 12 – 15 months
Part-time normally 24 – 36 months

Course Fees:

Please visit our website:
go.herts.ac.uk/fees

Professional accreditation:


The MSc programme is accredited by the Institute of Environmental Management and Assessment (IEMA) and Chartered Institution of Water and Environmental Management (CIWEM). Successful completion allows you to apply for IEMA Graduate or Practitioner membership, with exemption from selected IEMA membership examinations, and Graduate membership of the Chartered Institution of Water and Environmental Management (CIWEM).

Web Address:

go.herts.ac.uk/em

How to Apply:

Please visit our website:
go.herts.ac.uk/apply



Water and Environmental Management MSc

Entry Requirements:

A first or second class degree in any subject. Applicants with other qualifications and relevant experience will be considered individually by the Programme Leader. Accredited Prior Learning (APL) is available for those with AEMA and may be available for those with suitable relevant experience.

Course Length:

Full-time 12 – 15 months
Part-time normally 24 – 36 months

Course Fees:

Please visit our website:
go.herts.ac.uk/fees

Professional Accreditation:

The MSc programme is accredited by the Institute of Environmental Management and Assessment (IEMA) and Chartered Institution of Water and Environmental Management (CIWEM). Successful completion allows you to apply for IEMA Graduate or Practitioner membership, with exemption from selected IEMA membership examinations, and Graduate membership of the Chartered Institution of Water and Environmental Management (CIWEM).

Web Address:

go.herts.ac.uk/wem

How to Apply:

Please visit our website:
go.herts.ac.uk/apply

About the course

The MSc Water and Environmental Management pathway focuses on sound water management and the requirements of sustainable development, whilst preparing you for all aspects of environmental management in the water and water-based consultancy industries. The pathway has been designed to enable you to acquire expertise in the choice, design and implementation of a range of both general and water-specific environmental management tools and methods, including: integrated catchment management, environmentally sensitive river management and water resource measurement and management.

The MSc Water and Environmental Management pathway consists of nine core modules and students take one optional module. Unlike the MSc Environmental Management pathway, the research project must focus on an area of study relating to water.

Core modules

- Sustainability and Environmental Systems
- Foundation in Environmental Auditing
- Managing Change for Environmental Management
- Environmental Policy and Governance
- Environmental Management Tools and Methods
- Water Resources
- Water Pollution Control
- Research Methods
- Individual Research Project related to Water

Optional modules

- Environmental Management Systems Implementation
- Integrated Waste and Pollution Management
- Ecology and Conservation
- Sustainable Energy
- Agriculture and the Environment

Career opportunities

Graduates in Water and Environmental Management have been employed in a wide variety of organisations where a knowledge of sound water resource management and monitoring has been required, including water supply companies, environmental consultancies and Government agencies.



Environmental Management for Agriculture MSc

About the course

The MSc Environmental Management for Agriculture pathway is an ideal course for those looking for a career in environmental management associated with the agriculture and land use industries.

The course provides students with a holistic understanding and interdisciplinary training to identify on-farm environmental risks and impacts, along with the skills and knowledge to find solutions to identified environmental issues.

The potential for agricultural activities to impact both positively and negatively on the environment are examined, together with the use of environmental management systems, environmental auditing, life cycle assessment and environmental impact assessment in the farm situation.

The MSc Environmental Management for Agriculture pathway consists of seven core modules and students take two optional modules.

Core modules

- Sustainability and Environmental Systems
- Foundation in Environmental Auditing
- Agriculture and Environment*
- Integrated Farm Management*
- Research Methods
- Individual Research Project related to Agriculture
- Integrated Crop Protection

Optional modules

- Integrated crop protection
- Environmental Policy and Governance
- Water Resources or Water Pollution Control
- Integrated Waste and Pollution Management
- Ecology and Conservation*
- Managing Change for Environmental Management
- Environmental Management Tools and Methods

* These modules can also be studied as standalone short courses with BASIS CPD.

Career opportunities

Following completion of the course you are well equipped to gain employment within areas such as the advisory sector relating to sustainability in farming systems, the food supply chain, environmental management and rural development, and the crop protection industry.

Entry Requirements:

A first or second class honours degree in agriculture, botany, plant sciences, horticulture, zoology, environmental sciences, or a related subject. Applicants with other qualifications and relevant experience will be considered individually by the Programme Leader. Accredited Prior Learning (APL) is available for those with AEMA and may be available for those with suitable relevant experience.

Course Length:

Full-time 12 – 15 months
Part-time normally 24 – 36 months

Course Fees:

Please visit our website:
go.herts.ac.uk/fees

Professional Accreditation:

The MSc programme is accredited by the Institute of Environmental Management and Assessment (IEMA) and Chartered Institution of Water and Environmental Management (CIWEM). Successful completion allows you to apply for IEMA Graduate or Practitioner membership, with exemption from selected IEMA membership examinations, and Graduate membership of the Chartered Institution of Water and Environmental Management (CIWEM).

Web Address:

go.herts.ac.uk/ema

How to Apply:

Please visit our website:
go.herts.ac.uk/apply



New Science Building



Bayfordbury Campus

Facilities

Our facilities include extensive computing and informatics resources, complemented by several well-equipped specialist laboratories

In September 2016 we opened a brand new science building to bring all our science facilities under one roof. The science building houses laboratories, teaching spaces and areas for informal learning and socialising.

Our Bayfordbury field station is located on the Bayfordbury campus which covers over 40 hectares and consists of a variety of habitats including amenity grassland, semi-natural woodlands (secondary and ancient), grasslands, ponds, a lake, scrubland and hedgerows. The main building houses student teaching and project laboratories as well as controlled environment chambers.

Careers

Environmental Management is of increasing importance to all types of organisations both within the UK and worldwide; there is a growing need for qualified and trained environmental managers and, as environmental challenges become ever more apparent, this demand shows no signs of abating.

Graduates from our Environmental Management MSc programmes have embarked on careers with a wide variety of employers within the environmental management sector, including environmental consultancy, the water supply industry and Government agencies such as the Environment Agency and the Department for Environment Food & Rural Affairs. Graduates have also commenced doctoral level studies and developed careers in research and education.

Study options

The MSc Environmental Management programme can be studied either full-time (12 – 15 months) or part-time (normally 24 – 36 months) and teaching is based around two or three day 'short courses' for each module. Short courses usually run Thursday to Saturday or Friday and Saturday to allow maximum flexibility for students with external commitments.

Students may enrol to commence study on our Environmental Management MSc in either September or January. Students who start in September will study for 12 months, and students who start in January will study for approximately 15 months.

Support

All students are allocated a personal tutor to provide individual academic and pastoral support and regular group tutorials are also held. Selected textbooks for several modules are included in the fees and free inter-library loans are available to all students.

Catering is provided on short courses (lunch and light refreshments). English language support is available to students for whom English is not a first language.

Professional Accreditation

We are very proud of that fact that our MSc programme has been recognised and accredited by two of the leading environmental management professional bodies in the United Kingdom.

Our MSc programmes are accredited by the Chartered Institution of Water and Environmental Management (CIWEM). Successful completion of all modules entitles graduates to apply for Graduate membership of CIWEM.

The MSc programmes are also accredited by the Institute of Environmental Management and Assessment (IEMA). Successful completion allows you to apply for IEMA Graduate or Practitioner membership, with exemption from selected IEMA membership examinations.

“ The MSc in Environmental Management is a rigorous, wide-ranging and applied course, which, in my case, led to a dream job with the Environment Agency! ”

Richard Spencer-Smith
MSc Environmental Management graduate



For further information, current fees and details of how to apply please visit: go.herts.ac.uk/EM or email: admissionsenvman@herts.ac.uk

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Please note that whilst this proposed course information is believed to be accurate at the time of printing, it is subject to update or change from time to time. Please always check our website at www.herts.ac.uk for the most recent course information.