

# Ecology and Global Change Management

BSc Hons

**NEW**



## Final Year

- Research Dissertation
- Sustainability: A Global Perspective
- Readings in Ecology and Global Change Management
- Two options chosen from: Climate Change and Risk Assessment; Global Ecological Footprinting; Environmental Impact Assessment; Contaminated Land: Risk Assessment and Remediation.

## Teaching and assessment

This degree programme is taught through a combination of lectures, seminars, practicals and fieldwork. You will be given a strong academic background, supported by extensive use of case studies and practical skills sessions to reinforce application of this knowledge to the real world. Students are assessed through coursework, fieldwork reports, presentations and examinations.

## Career opportunities

In the next few years, every type of organisation, from travel agency to local council, from individual family to national policy maker will want to know what their ecological footprint is and how to reduce or offset it. Graduates from this programme will have the knowledge and skills needed to get a job with local, national or International organisations, in government, business or charities working to reduce ecological footprints,



improve urban and rural environments, re-generate waste land, promote recycling and encourage the use of energy efficient technologies. Many graduates are also likely to go on to further postgraduate study, or training.

## The student experience

The Medway Campus has a vibrant student union (UMSA) which has won 3 awards for excellence this year, plus restaurants, a pub, a shop and a sports hall. Within walking distance there is a hub of cultural life, including a cinema, restaurants, shopping malls, markets and cultural attractions such as Rochester Cathedral and Castle, and the Historic Dockyard. In less than an hour, you can get to London or the Channel Tunnel and travel to the continent by train or car, and the beautiful Kent countryside is only 15 minutes away by car.

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## Why study for a degree in Ecology and Global Change Management?

Learn about the interconnected biosphere we all live in and how our use of fossil fuels, minerals and land is leading to climate change. By understanding the causes and consequences of climate change we can work together to protect the planet.

This programme will give you a multi-disciplinary perspective on the ecological and economic reasons for global change, and what can be done to protect the Earth from over-exploitation.

You will be taught by staff from the Natural Resources Institute and the School of Science who are leaders in developing environmentally sustainable solutions to economically important problems around the world.



## Who should study this programme?

The degree targets A-level students of biology, ecology, geography, environmental science, economics, business studies and social sciences, and mature students who want to advance their knowledge in these disciplines or who want a career change.

## What courses will you study?

### Year 1

- Ecological and Economic Aspects of Global Change
- The Earth's Dynamic Systems
- Science and the Environment
- Society, Economy and Sustainability

### Year 2

- Management of Agricultural Systems and Natural Resources
- Introduction to Planning, Forecasting and Decision-Making Tools
- Research Methods for Ecology and Global Change Management
- One option from: Environmental Monitoring and Assessment; Environmental Management and Regeneration.

### Optional Sandwich Year

(Placement could be overseas)

## Key facts

**UCAS code:** CF17 M BSc/EcolGCM

**Attendance:** 3 years full-time, 4 years sandwich, 4–6 years part-time

**Entry requirements:** Typically 180-200 UCAS points in any combination of subjects, preferably with two qualifications, one in a science or social science. All applications are dealt with individually. In support of the University's policy of widening participation, applications from students of all backgrounds are welcome, including school and college leavers, mature students, those in employment and international students.

**How to apply:** Full-time students apply through UCAS up to the January deadline for entry in September, however, late applications are welcome. Part-time students apply directly to the university by post or online at <http://olaf.gre.ac.uk>. There is no closing date. For help in entry through Clearing, contact the Enquiry Unit.



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