



Global Environmental Change MSc

www.cranfield.ac.uk/gec



Develop your career in Global Environmental Change

There is a growing urgency to address the environmental crises driven by climate change, human population growth, land cover and land use change and pollution. These crises are covered in the media almost, it seems, on a daily basis and governments have increasingly promised to take greater action to tackle them at both national and international levels.

The Global Environmental Change MSc has been developed in response to the growing urgency and global demand for experts in this field. It will equip you with the knowledge and skills required to understand how these crises develop and what tools and strategies can be used to work towards effective and sustainable environmental solutions.

Who is it for?

We welcome students from a variety of academic backgrounds, ranging from economic and social sciences to natural sciences and engineering who have a passion for solving real-world problems and making a positive impact. The course has been specifically designed to support students with a desire to take a more multidisciplinary approach to their learning.

In this respect, you will have the opportunity to select from available module options from across the environment, water and energy programmes, tailoring these with the help of a tutor, to suit your personal learning ambitions. You will develop a range of personal and leadership skills as you progress through the course, to set you on the path to a rewarding career in becoming part of the solution to the environmental challenges that we face today.

Your career

With the current global focus on finding ways to tackle global environmental challenges, you can expect to be highly sought after by employers. Successful Cranfield students will develop diverse and rewarding careers in consultancies, research and teaching organisations, non-government organisations, along with national and local government departments involved in finding solutions to national and global environmental challenges. The international nature of this course means that career opportunities are not restricted to the UK. Cranfield graduates develop careers around the world and are internationally recognised by employers across the scientific, industrial and educational communities.

Overview

Start date

Full-time: October, part-time: October

Duration

One year full-time, two-three years part-time

Qualification

MSc, PgDip, PgCert

Study type

Full-time / Part-time

Structure

Taught modules 40%, group project (dissertation for part-time students) 20%, individual project 40%

Campus

Cranfield campus

Entry requirements

A first or second class UK honours degree in a relevant science, engineering or related discipline; or the international equivalent of these UK qualifications. Other relevant qualifications, together with significant experience, may be considered.

Fees

Please see www.cranfield.ac.uk/fees for detailed information about fee status, full-time and part-time fees as well as deposit requirements and bursary and scholarship information.

Course details

This course comprises four compulsory modules, four elective modules, an individual project and a group project.

The modules include lectures and tutorials and are assessed through examinations and assignments. There is an emphasis on analysis of real problems.

Modules

Keeping our courses up-to-date and current requires constant innovation and change. The modules we offer reflect the needs of business and industry and the research interests of our staff. As a result, they may change or be withdrawn due to research developments, legislation changes or for a variety of other reasons. Changes may also be designed to improve the student learning experience or to respond to feedback from students, external examiners, accreditation bodies and industrial advisory panels.

To give you a taster, we have listed below the compulsory and elective (where applicable) modules which are currently affiliated with this course. All modules are indicative only, and may be subject to change for your year of entry

Compulsory modules

All the modules in the following list need to be taken as part of this course.

Fundamentals of Global Environmental Change

Decision Science for Global Environmental Change

Cleantech in Water-Energy-Food Nexus

Sustainable Environmental Solutions

Elective modules

Select four from the list below

Pollution Prevention and Remediation Technologies

Water and Sustainable Agrifood Systems

Waste Management in a Circular Economy: Reuse, Recycle, Recover and Dispose

Land Engineering Principles and Practices

Technologies for Seeds and Crop Protection

Process Emission and Control

Good Ecological Status

Managing Flood and Drought Risks

Risk Communication and Perception

Environmental Policy and Risk Governance

Leading Corporate Sustainability

Evaluating Environmental Sustainability

"Cranfield University is unique in the UK because it focuses exclusively on graduate students. We need to work with some of the brightest and best scientists around the world, and Cranfield University are one of the partners that we selected to work with on a long-term strategic basis."

Dr Mark Berry

Senior R&D Manager, Unilever, Senior R&D Manager, Unilever,

For more information contact our Admissions Team:
T: +44 (0)1234 758082

Visit campus for yourself and meet current students and our academics at our next Open Day:
www.cranfield.ac.uk/penday

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Every effort is made to ensure that the information provided here is correct at the time it is published. Please check our website for the latest information.



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