



Loughborough
University

Climate Change Science and Management

School of Social Sciences and Humanities

TOP
10

IN THE UK FOR
GEOGRAPHY AND
ENVIRONMENTAL
STUDIES
THE GUARDIAN
UNIVERSITY GUIDE 2022

1ST

FOR RESEARCH
INTENSITY
THE COMPLETE
UNIVERSITY GUIDE 2022



100% OF RESEARCH
IMPACT RATED
'WORLD-LEADING'
OR 'INTERNATIONALLY
EXCELLENT'
REF 2021



Why study MSc Climate Change Science and Management?

A postgraduate degree from Loughborough will further your subject knowledge and enhance your employability.

Thanks to the quality of our teaching and research, alongside our unrivalled student experience, we consistently score highly in major national rankings. We are currently in the top 10 in every UK league table – something that we are incredibly proud of.

Academic staff

Our reputation attracts outstanding academics from around the world, many of whom are leaders in their field. This means that we can offer you opportunities to learn from passionate subject specialists who are at the forefront of current research.

Our research

The vibrant research culture that is prevalent at Loughborough will provide you with a supportive learning experience and excellent standards of academic supervision. As well as enabling you to develop specialist skills and knowledge from top quality research practice, our long-standing relationships with industry and public and private sector organisations will expand your professional network and invite excellent career opportunities.

World-class facilities

Our campuses are not only a welcoming and friendly home for our staff and students, they are also the site of some incredible learning facilities. With purpose-built lecture theatres, state-of-the-art laboratories, libraries, an arts centre, two theatres, dedicated 24/7 computer suites and many more additional teaching spaces, we can offer everything you need to succeed during your studies.

MSc Climate Change Science and Management

This is a multi-disciplinary programme within the School of Social Sciences and Humanities at Loughborough University. Academic staff in 'Geography and Environment' are active researchers, working within and across disciplinary boundaries. Our academic staff are driving forward intellectual agendas, as well as helping to shape national and international policy. This expertise ensures that the knowledge our students get throughout this taught Masters programme is focused on the cutting-edge of scientific research.

Geography and Environment is located inside a state-of-the-art research and teaching facility, complete with a river science laboratory, geospatial laboratory and a campus-based weather station. The campus also has a 16-hectare research forest comprised of ancient and semi-natural woodland.



MSc

Full-time length: 1 year
Part-time length: 2 years

Entry requirements

An honours degree (good 2:2 or 55% or above) or equivalent international qualification in geography. Applicants with appropriate professional expertise will also be considered.

Our MSc Climate Change Science and Management degree addresses the urgent science of climate change, risk and management with a broad, problem-focused perspective that will suit students from a wide range of backgrounds.

Climate change is the most critical and urgent issue facing humanity in the 21st century. How to keep populations and infrastructure safe from extreme weather events; how to enhance or simply maintain human health and living standards; how to link activities from public and commercial sectors, and from diverse academic disciplines, to address common challenges in the resilience and sustainability of global living systems; these are challenges that define the 21st century and will define the legacy of the individuals and institutions of today.

Modules that form part of this programme tackle issues such as defining and modelling climate risk, tools for environmental management, sustainability and development, and crisis governance. Students will graduate prepared to become agents of change: who can embed sustainable, low-carbon practices into their careers. Their training will enable public and private sector organisations to survive and thrive because they have a command of both science and management.

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Who should study this programme?

Our MSc Climate Change Science and Management degree is suitable for students from a wide range of science and social-science backgrounds with an interest in sustainability and climate-change issues, with a view to further research or employment.

Compulsory modules

- GIS for Environmental Management
- Hydrometeorology for the Climate Emergency
- Climate Futures
- Mapping and Modelling the Sustainable Development Goals (SDGs)
- Research and Professional Practice
- Geospatial Risk Modelling for Management
- Climate Science into Practice
- Economic Modelling and Policy for Sustainable Development
- Dissertation in Climate Change Science and Management



**TOP
10** IN EVERY UK
UNIVERSITY
LEAGUE TABLE

General enquiries

Geography and Environment
Loughborough University
Leicestershire LE11 3TU UK

T: +44 (0)1509 222794

E: geography.pgt@lboro.ac.uk

lboro.ac.uk/geography-environment

This brochure was written several months in advance of the academic year to which it applies (2022). Every effort has been made to ensure that the information contained within is accurate at the time of publishing, but updates (for example to course content) are likely to occur due to the time between publication and the course start date. It is therefore important to visit our online prospectus at www.lboro.ac.uk/study before applying to check for any updates, as this will be the most up-to-date repository of information.

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