

University of Sussex

School of Global Studies and Science and Technology Policy Research (SPRU)

MSc Climate Change and Policy

Full-time, one year / Part-time, two years

Introduction

Climate change is one of the greatest challenges of our time. Our modern, global economy is powered largely by fossil fuels. However, the associated emissions of greenhouse gases are directly influencing weather and climate. If this continues unchecked predictions suggest dramatic changes in future climate. The challenge of climate change is twofold. First, to make a transition to a lower carbon global economy. Second, to adapt to the impacts of future climate changes. This will require difficult decisions on the way the economy and society are structured, locally, nationally and internationally.

There is, therefore, a growing need for qualified professionals in the field of climate change policy and decision making. These specialists must understand the complex, multi-dimensional scientific, socio-economic, technological and institutional issues of climate change mitigation and adaptation. The *Masters in Climate Change and Policy* at Sussex is a multidisciplinary course that aims to provide state-of-the-art training for future climate change professionals working in the public, private, consultancy and not-for-profit sectors.

School of Global Studies & Science and Technology Policy Research Unit (SPRU)

Sussex has an agenda-setting reputation for interdisciplinary teaching and research in science and policy. The MSc in *Climate Change and Policy* is located in the School of Global Studies which has an outstanding global research profile in environmental sciences and international policy. SPRU is global leader in research, consultancy and teaching of science, technology, policy and management. It is one of the world's largest specialised centres of its kind. SPRU is part of the Tyndall Centre for Climate Change Research.

Student profile for this course

Our students come from all over the world, and have a background in many different disciplines. You will need:

- A first or upper second class honours degree (or equivalent) in either social or natural sciences
- Relevant professional experience will be considered
- IELTS 6.5 (no component below 6.0)

Course structure*

This novel course is multidisciplinary, covering both natural and social science perspectives. You will acquire specialist knowledge of the causes and consequences of climate change and policy for mitigation and adaptation, taught by leading researchers in these fields.

Core courses on climate science and impacts are taught by the Geography Department, while courses on economics, energy and mitigation policy, are taught by SPRU. You have the opportunity to develop a specialist thematic or regional enquiry in the dissertation.

Programme structure

Autumn term: you take *Climate Change Science*, and *Introduction to Climate Policy and Economics*

Spring term: you choose two courses from *Climate & Energy Policy*; *Climate Change Impacts & Adaptation*; *Challenges in Climate Prediction*; *Innovation & Sustainability*; *Environmental Policy & Industrial Technology*

Summer term and vacation: you undertake supervised work on a *dissertation* with relevant methods courses, including *Geographical Information Systems* and *Statistical Research Methods*.

Career opportunities

There is a rapidly expanding market for climate change professionals. This course is relevant for employment in

- Government ministries
- International organisations (e.g. the UN)
- Nongovernmental organisations (NGOs)
- Regulatory agencies
- Environmental sectors of private enterprises
- Energy sector
- Financial services
- Environmental consultancy
- International development
- Research (or doctoral study)

Fees and Scholarships 2012-13

Fees: £6,950 UK/EU, £13,400 others

Scholarships: Up to 10 at £3,000

Further information

www.sussex.ac.uk/climatechange

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Related degrees at the University of Sussex

MSc in Climate Change and Development

* Subject to final programme approval



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