Key teaching staff* and their research interests

Science & Technology Policy Research Unit (SPRU)

Adrian Ely	Innovation, sustainability, development
Florian Kern	Climate change mitigation and energy system transitions
Gordon MacKerron	Energy policy, nuclear power, environmental economics
Steve Sorrell	Emissions trading, energy efficiency, climate policy
Jim Watson	Energy policy, energy and development

Institute of Development Studies(IDS)

Jeremy Lind	Conflict, human security
Lars Otto Naess	Climate resilient development, food security
Thomas Tanner	Climate resilient development, adaptation tools
Frauke Urban	Low carbon development, energy, energy models
Farhana Yamin	International climate policy, carbon markets

Department of Geography

Michael Frogley	Palaeoclimate and environments
Dominic Kniveton	Climate variability/change, migration, development
Julian Murton	Polar environments and climate change
David Ockwell	Mitigation, energy and low-carbon technology transfer
Martin Todd	Climate variability/change, impacts, water, aerosols
Yi Wang	Climate and terrestrial ecosystems, carbon cycle

For more information

www.sussex.ac.uk/climatechange
Geography: **www.sussex.ac.uk/geography**
Global Studies: **www.sussex.ac.uk/aboutus/schoolsdepartments/global**
SPRU: **www.sussex.ac.uk/spru**
IDS: **www.ids.ac.uk**

If you are considering studying with us then please feel free to contact the MSc programme coordinator at **climate@sussex.ac.uk** or telephone **+44 (0)1273 877686.** Visit us at facebook: **http://bit.ly/meT63**

University of Sussex

*Subject to change

University of Sussex

Postgraduate Programmes in Climate Change

MSc in Climate Change and Development

MSc in Climate Change and Policy

University of Sussex

Context

- How wi ll climate change affect food produc tion, water resources and livelihoods around the world?
- What level of climate change is dangerous?
- How believable are climate predictions?
- How can we adapt to climate change?
- What level of greenhouse gas emission reductions are necessary?
- What policy options do we have to achieve this?
- What might a 'green economy' look like?
- How can we ensure equitable outcomes of climate change policies?

Climate change is one of the greatest challenges of our time. Our global economy results in emissions of greenhouse gases and other pollutants which are directly influencing weather and climate. Climate change is already being felt, most keenly by the world's poorest and vulnerable people. If these emissions continue unchecked, we will face more dramatic changes in climate.

The challenge of climate change is twofold. First, to make the transition to a lower-carbon global economy. Second, to adapt to the impacts of future climate changes. This will require difficult decisions about the way the economy and society are structured.

As climate change becomes mainstream, there is a growing need for qualified professionals to address these challenges. These specialists must understand the complex scientific, socio-economic, technological and institutional issues of climate change mitigation and adaptation.

Course aims

The Masters programmes in climate change at the University of Sussex aim to provide unique and state-of-the-art multi-disciplinary training for this expanding professional market.

Why study climate change at Sussex?

The University is renowned for its agenda-setting interdisciplinary teaching and research of science, development, and policy studies. You will be taught by leading researchers who have played key roles advising governmental/ intergovernmental bodies and non-governmental organisations (NGOs), on climate change mitigation and adaptation. The Masters courses are part of a major initiative in Climate Change involving:

- The Department of Geography in the School in Global Studies which has an outstanding profile in environmental sciences and international policy.
- Science and Technology Policy Research Unit (SPRU): A global leader in research, consultancy and teaching of science, technology, policy and management, SPRU is one of the world's largest specialised centres of its kind and is part of the Tyndall Centre for Climate Change Research.
- Institute of Development Studies (IDS): A leading global organisation for research, teaching and communications on international development. The institute has around 100 researchers, a student body of over 150, and a network and reputation that extends around the world.

MSC in Climate Change & Policy

This MSc integrates natural and social science dimensions of climate change. You will acquire specialist knowledge of the causes and consequences of climate change, and the policy options for both the transition to a sustainable low-carbon economy and adaptation to climate impacts. The course covers international, national and local policy arenas. Courses on climate science are taught by Geography and are designed to be accessible for non-climate specialists, while courses on the economic, policy and technological dimensions of mitigation are taught by SPRU. The programme also draws upon the experience of IDS in adaptation policy and low-carbon development. You can develop a specialist thematic or regional enquiry in the dissertation.

MSc in Climate Change & Development

This programme equips students and development practitioners with the key skills and knowledge to work on the implications of climate change for global and regional development. You will acquire specialist knowledge of the causes of climate change (taught specifically for non-climate specialists), the physical and human consequences, and efforts to mitigate and adapt to a changing climate. Throughout, the emphasis is on the specific implications of climate change for poverty in developing countries, the processes of adaptation, and policy responses. You can develop a specialist thematic or regional enquiry in the dissertation. Teaching is shared between Geography, IDS, and SPRU.

Career opportunities

There is a rapidly expanding market for climate change professionals. Graduates are suited 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 management & consultancy
- International development agencies
- International media or journalism
- Research (or doctoral study).

Entry requirements

An upper second-class undergraduate honours degree in either social or natural sciences. Applicants with relevant professional experience will also be considered.

Funding opportunities

Sussex offers up to ten Climate Change Scholarships of £3,000

For more information go to www.sussex.ac.uk/climatechange