



## Student perspective

'I chose to study the MSc in Energy Policy for Sustainability at Sussex in order to learn how the appropriate design of economic, energy and environmental policies can promote long-term sustainability, while also meeting needs of the present.'

'The faculty at SPRU are well-connected with other universities, government agencies and think tanks, and, as a result, I have a number of avenues through which I can pursue my dissertation. I believe that with this MSc I will be better equipped to influence, inspire, educate and negotiate more effectively in order to address the need to make the transition to sustainable energy systems.'

**Cameron Jones**  
MSc in Energy Policy  
for Sustainability



## Key teaching staff and their research interests

<b>Dr Rob Byrne</b>	Low-carbon development, renewable energy, socio-technical transitions.
<b>Dr Rose Cairns</b>	Discourse analysis and Q methodology on climate-policy-related issues, geo-engineering, governance of technological approaches to climate change.
<b>Dr Adrian Ely</b>	Innovation, sustainability, development, climate change and agriculture.
<b>Dr Sabine Hielscher</b>	Community innovation in sustainable energy.
<b>Dr Florian Kern</b>	Governing energy transitions, low carbon innovation policy, politics.
<b>Dr Karoline Rogge</b>	Innovation impact of energy and climate policy instruments (eg EU ETS), role of policy mixes for the transition of the energy system towards renewables.
<b>Dr Adrian Smith</b>	Civil society and technology, environmental policy process.
<b>Dr Steve Sorrell</b>	Energy and climate policy, emissions trading, energy efficiency, economics, transport modelling and policy.
<b>Prof Jim Watson</b>	Energy policy; energy and development; sustainability, technology innovation.

## Apply now

Apply now via the online prospectus: [www.sussex.ac.uk/spru/eps](http://www.sussex.ac.uk/spru/eps)

## Further information

SPRU: [www.sussex.ac.uk/spru](http://www.sussex.ac.uk/spru)

Sussex Energy Group: [www.sussex.ac.uk/sussexenergygroup](http://www.sussex.ac.uk/sussexenergygroup)

Please contact SPRU Course Co-ordinators for further information:

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Design: [www.bankdesign.com](http://www.bankdesign.com)

University of Sussex

SPRU – Science and Technology Policy Research

# MSc Energy Policy for Sustainability

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# MSc Energy Policy for Sustainability

**Nothing works without energy, but our current energy systems face mounting economic, social and environmental pressures and must change radically and quickly if the world is to avoid dangerous climate change. Creating sustainable energy systems will be a defining challenge for humanity in the 21st century and one that requires professionals who fully appreciate the technological, economic and political dimensions of sustainable energy.**

Our MSc in Energy Policy for Sustainability aspires to educate a new generation who will play leadership roles in these challenges as well as train future energy policy professionals working in the public, private and not-for-profit sectors. This MSc builds upon a world leading research base at SPRU – Science and Technology Policy Research, including the exciting and forward-looking work of the Sussex Energy Group. The MSc is unique in combining ideas from economics, innovation studies and policy studies while requiring no prior training in these fields.

## Why study MSc Energy Policy for Sustainability at Sussex?

Sussex is renowned for its agenda-setting, interdisciplinary teaching and research in 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 and/or energy policy.

The MSc in Energy Policy for Sustainability is taught in SPRU by faculty who are part of the Sussex Energy Group, which:

- is one of the largest independent social science energy policy research groups in the world;
- is a core partner in the Tyndall Centre for Climate Change Research and the UK Energy Research Centre;
- undertakes academically rigorous, interdisciplinary research engaging with policy-makers and practitioners. The aim of our research is to identify ways of achieving the transition to sustainable, low-carbon energy systems.

SPRU was ranked 2nd science and technology think tank in the UK and 11th in the world (University of Pennsylvania: *Global Go-To Think-Tanks Report 2012*).

## Course aims

This MSc provides broad-based, interdisciplinary social science training for future energy policy professionals working in the public, private and not-for-profit sectors.

- The course focuses on the opportunities, challenges and constraints associated with making the transition to low-carbon energy systems in both the developed and developing world. This transition has scientific, technological, economic and political dimensions that are complex, multidimensional and interlinked. Key challenges include promoting the innovation and rapid diffusion of low-carbon technologies and balancing multiple economic, social and environmental objectives.
- You will engage with the key concepts, theories, issues, challenges and debates within energy and climate policy, acquire skills in relevant analytical techniques and apply these to the analysis, design and evaluation of policy at a variety of levels.

# Course content

Autumn term	Spring term	Summer term
You take:	You take:	You undertake supervised work on a research-based dissertation
Introducing Energy Policy and Sustainability	Introduction to Statistical Research Methods	
Science, Technology and Innovation: Markets, Firms and Policies	Perspectives, Methods and Skills for Science, Technology and Innovation Studies	
	You also two choose modules from:	
	Energy Policy and Sustainability	
	Governing Energy Transitions	
	Energy and Development	
	Building Innovation Systems for Development	
	Innovation for Sustainability	
	Information and Communication Technology Policy and Strategy	
	Managing Knowledge	

Please note that these are the core modules and options for students starting in the academic year 2013; they are given here as an example only and are subject to change for 2014 entry

## Career opportunities

Given the importance of energy on political and corporate agendas, there is a growing demand for energy policy professionals. In SPRU – Science and Technology Policy Research, graduates have been successful in obtaining employment in a variety of roles within the public, private and not-for-profit sectors. For example, recent MSc graduates have gained employment in:

- international organisations (eg OECD, UNDP, UNEP);
- government departments (eg UK Department of Energy and Climate Change, Government of British Columbia, Canada);
- local authorities (eg Brighton & Hove Council sustainability team);
- the private sector (eg RWE npower renewables, Ecofys, EDF, Unilever, Southern Solar, Renaissance Re, Centro de Apoio a Inovação Social-CAIS);
- NGOs (eg International Social Science Council, Green Jobs Alliance, People and Planet).

Others have gone on to study for PhDs in this area.

## Entry requirements

**UK:** A first- or upper second-class undergraduate honours degree in either a social or a natural science. Applicants with relevant professional experience will also be considered.

**Overseas:** Please refer to [www.sussex.ac.uk/spru/eps](http://www.sussex.ac.uk/spru/eps) for a list of entry requirements by country.

## Fees and funding

Please refer to [www.sussex.ac.uk/spru/eps](http://www.sussex.ac.uk/spru/eps) for information on fees and funding.

