



School of Geography and Planning

Postgraduate standalone modules for CPD

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Standalone taught modules for CPD

Giving you the flexibility to study at postgraduate level whilst managing your existing work and life commitments. The following modules are aimed at professionals working in planning, logistics, transport and sustainability.

Debates in Eco-city Planning and Development

This module will provide an in-depth analysis of the different forms of eco-city development (from new build, to retrofitting, to informal development) and it will analyse by which processes eco-cities emerge. Debates will include understanding the terms that are used as alternatives or synonyms to the term 'eco-cities', including low carbon city, smart city, or transition city, to distil the distinctiveness of eco-cities.

Module content

The module will begin by assessing how eco-development differs from conventional development. It will then evaluate the contribution that different forms of eco-development can make to more sustainable living. This will then lead into an analysis of who promotes key terms such as 'low carbon', 'intelligent development', 'smart cities' and 'transition towns' and the development logics that they imply. The module also brings out the way in which professional groups (e.g. planners, engineers), economic interests and citizens play a greater or lesser role in eco-developments.

Throughout the module key themes will be drawn out through the use of extended case studies of eco-developments (such as the Sino-Singapore Tianjin Eco-City, Freiburg in Germany and Copenhagen in Denmark).

KEY FACTS

Dates

Autumn semester
30 September 2019 - 26 January 2020
5 October 2020 - 31 January 2021*

Indicative timings

Mondays 14:00 - 18:00

Price

£930

Credits

20

How the module will be delivered

A combination of lectures, seminars and directed reading.

KEY FACTS

Dates

Spring semester
27 January - 12 June 2020
1 February - 18 June 2021*

Indicative timings

Tuesdays 09:00 - 12:00

Price

£930

Credits

20

How the module will be delivered

A combination of lectures, seminars and directed reading.

Governance of the Eco-city Development Processes

The purpose of this module is to provide a theoretically informed base from which to analyse the nature and variety of forms of governance that characterise eco and low carbon developments around the world.

It does so by examining conceptual approaches to governance – the interactions between public and private sectors and citizens.

Module content

The module will cover: critical perspectives on governance and urban development, and the nature of governance in different settings (for example, Europe and Asia). This will provide the basis for exploring how citizens, governments and economic actors interact to construct ideas (eg through the use of indicators) of eco-city development.

The module will then go on to explore how these actors deliver a range of eco-developments, and how bundles of technologies (eg for transport) and design can become labelled as 'eco' and why the label eco matters in the development process.

The module will conclude by assessing how different models of governance can best deliver eco-city development.

Sustainable Transport Policies

This module considers the complexities involved in meeting society's mobility needs whilst minimising negative impacts associated with surface transport.

The module has three main foci:

- (1) Understanding the environmental, social and economic impacts of different transport modes
- (2) Identifying and evaluating the efficacy of different sustainable transport solutions
- (3) Exploring the social, environmental and ethical consequences of different policy, behavioural, spatial and technological solutions for achieving more sustainable transport.

Module content

- Introduction to the sustainable mobility paradigm
- Overview of UK sustainable transport policy and recent developments (eg Unified Transport Authorities)
- Identification of main social and environmental impacts of surface transport
- The role of spatial planning in sustainable transport policies
- Assessing technology and behaviour change as the basis for sustainable transport policy
- Evaluation and development of transport project appraisal (eg DfT New Approach to Appraisal; five case model; WebTAG).

KEY FACTS

Dates

Autumn semester
30 September 2019 - 26 January 2020
5 October 2020 - 31 January 2021*

Indicative timings

Mondays 14:00 - 18:00

Price
£930

Credits
20

How the module will be delivered

A combination of lectures, group work and class discussion, plus a site visit.

Transport Analysis

This module introduces students to a set of analytical approaches which are frequently used in transport planning practice.

This includes analysis of travel behaviour which aims to provide an introduction to research designs and strategies for understanding travel behaviour, acquisition and analysis of relevant data through practical exercises and transport surveys for collecting primary data.

Particular emphasis is given on transport surveys for collecting revealed and stated preferences, which have been prominent in travel behaviour research. Designing such surveys and analysing the data they generate form an important part of this module.

Module content

- Approaches to travel behaviour
- Travel data acquisition
- Transport surveys/questionnaires (revealed and stated preferences)
- Travel data analysis; Practical One: Introduction to SPSS
- Travel data analysis; Practical Two: Hypothesis Testing using IBM SPSS Statistics 20
- Travel data analysis; Practical Three: Using regression methods to model questionnaire data IBM SPSS Statistics 20.

KEY FACTS

Dates

Autumn semester
30 September 2019 -
26 January 2020
5 October 2020 -
31 January 2021*

Indicative timings

Tuesdays 09:00 - 12:00

Price
£930

Credits
20

How the module will be delivered

A combination of lectures, seminars and computer lab practical sessions.

KEY FACTS

Dates

Autumn semester
30 September 2019 - 26 January 2020
5 October 2020 - 31 January 2021*

Indicative timings

Tuesdays 09:00 - 12:00

Price

£930

Credits

20

How the module will be delivered

A combination of lectures, reading seminars and workshops.

Renewable Energy Development and Planning

A major contemporary challenge is to achieve a shift towards more sustainable systems of energy provision.

Renewable energy sources are a key ingredient of such transitions, but delivering an expansion of renewable energy raises big issues for the relationship between society, energy, government and the landscape.

This places planning in a pivotal position, and it is the role of this module to develop an advanced understanding of the roles that planning can perform.

Module content

This module examines the role of planning in shaping renewable energy development.

After introducing students to key technologies, trends and patterns in the development of renewable energy – organised with theories of 'transition pathways'. The module covers the following:

- An outline and analysis of the conventional role of planning in renewable energy decision-making
- The role of zoning strategies and new infrastructure decision-making regimes
- The role of planning and other actions, such as fostering community-ownership, in fostering wider societal support for renewable energy
- More radical energy planning ideas, such as the pursuit of 100% renewable energy regions.

How to apply

You can find full module information and application details on our website.

We welcome applications from those who may not have the traditional entry requirements, but who can demonstrate relevant work experience or prior learning.

These modules are for those who are happy to study alongside full-programme MSc students. When you apply, we will ask you to complete a short application form that details your previous qualifications and/or experience.

Please feel free to call or email **Phil Swan, Business Development Manager** for the College of Arts, Humanities and Social Sciences for an informal chat.

*Please note that module dates, times and prices are subject to change; prices shown are for the 2019-2020 academic year. Exact module dates and timings will be confirmed closer to the start of term.

Why choose a standalone module?

Our standalone modules give you the flexibility to study at postgraduate level whilst also managing your existing work and life commitments.

Instead of signing up for a full postgraduate degree (which amounts to 180 credits), you can take one or more 20-credit modules from our offering.

- Access flexible and affordable study at a prestigious Russell Group university
- Further your career whilst also balancing work and life commitments
- Test out your appetite for a full postgraduate degree
- Put the credits you've gained towards a postgraduate qualification**
- Establish wider links with Cardiff University
- Fulfil CPD requirements for your professional body membership.

**Eligibility and timescales for transferring credits will vary from one qualification to another.

Contact us

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