

Liverpool John Moores University

Title: RESPONDING TO CLIMATE CHANGE
Status: Definitive
Code: **5404NATSCI** (127327)
Version Start Date: 01-08-2021

Owning School/Faculty: Biological and Environmental Sciences
Teaching School/Faculty: Biological and Environmental Sciences

| Team | Leader |
|----------------------|--------|
| Celine Germond-Duret | Y |
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| Sarah Percival | |
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| Tim Lane | |
| Kostas Kiriakoulakis | |

Academic Level: FHEQ5 **Credit Value:** 20 **Total Delivered Hours:** 50

Total Learning Hours: 200 **Private Study:** 150

Delivery Options

Course typically offered: Semester 2

| Component | Contact Hours |
|-----------|---------------|
| Lecture | 22 |
| Seminar | 10 |
| Workshop | 18 |

Grading Basis: 40 %

Assessment Details

| Category | Short Description | Description | Weighting (%) | Exam Duration |
|--------------|-------------------|--|---------------|---------------|
| Presentation | Case study | Oral presentation on adaptation or mitigation strategies adopted by a chosen community or authority. | 50 | |
| Report | Report | Media report - Critical analysis of a portfolio of written, audio and/or visual material on climate-change | 50 | |

Aims

To examine the social and political responses to climate change, through both mitigation and adaptation strategies, via examination of specific topics and case studies at different scales. To highlight how climate change and responses to climate change are associated with (sustainable) development processes and challenges. To provide students with an appreciation of how climate change is subject to different interpretations and solutions. To critically assess communication strategies in relation to climate change.

Learning Outcomes

After completing the module the student should be able to:

- 1 Appraise strategies aimed at mitigating and adapting to climate change.
- 2 Understand the diversity of perspectives and interpretations on climate change.
- 3 Interpret the relationship between climate change and (sustainable) development.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

| | | |
|-------------------|---|---|
| Oral presentation | 1 | 3 |
| Media report | 2 | |

Outline Syllabus

Climate Change inequalities and justice; International and UK Climate politics; Technological responses to Climate Change; Socio-cultural responses to Climate Change; Climate change vulnerability, adaptation and resilience; Climate denial; Communicating Climate Change.

Learning Activities

Lectures, Workshops and Seminars

Notes

Framed in the global sustainable development context, the module will examine three main themes. Theme 1 will cover mitigation strategies, from the global to the local, and from technological responses to socio-cultural approaches. Theme 2 will cover adaptation strategies, with a particular focus on decreasing vulnerability and increasing resilience. Theme 3 will cover climate denial and communication.