Module Specification

Environment and Sustainability

Version: 2023-24, v2.0, 17 Jan 2023

Contents

Part 1: Information

Module title: Environment and Sustainability

Module code: UBGMPR-30-0

Level: Level 3

For implementation from: 2023-24

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Environment & Technology

Department: FET Dept of Geography & Envrnmental Mgmt

Partner institutions: None

Delivery locations: Frenchay Campus, Global College of Engineering and Technology (GCET)

Field: Geography and Environmental Management

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Not applicable

Educational aims: This module focuses on sustainability and the actions that can be taken to secure a more sustainable future. The module takes a global approach

to understanding current activities, with reference being made, for example, to the United Nation's Sustainable Development Goals 2030. A case study approach will be adopted to highlight the wide-ranging sustainable challenges that exist, with a variety of locations being used for illustration. A range of spatial units will also be incorporated, with sessions exploring the type of challenge and intervention that can arise from, and be applied to, a spectrum that extends from a whole city to an individual building.

Outline syllabus: The module will contain three integral parts.

First, the module introduces students to existing challenges and continues by outlining the type of actions that are considered necessary for delivering greater environmental, social and economic sustainability.

Second, the module continues with a focus on environmental sustainability with strong emphasis on the fragility of the earth's natural environments as supported by relevant evidence and science. As part of this, students will appreciate the value of science and evidenced-based policy.

Third, the module will explore different tools and practices through which sustainability can be pursued. The module will provide some grounding in environmental politics and the rise of environmentalism in society. It will identify the groups and organisations that have helped to champion sustainable development and behaviour and the challenges that exist for successfully delivering and implementing them. This part of the module will consider the role of professional bodies and will outline some of the obligations that are placed upon members for facilitating corporate responsibility and sustainability.

Part 3: Teaching and learning methods

Teaching and learning methods: Scheduled learning will comprise lectures and workshops, including practical tasks. Lectures will provide a framework for understanding the reading and key issues covered by the module. Independent

learning will use directed reading via the online reading list and a selection of online resources, including appropriate case studies.

Workshops will be convened to help with report writing while support will also be provided to help develop graphic design skills and general knowledge about the use of media.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Explain the concept of sustainable development and the objectives that have been set for achieving greater social, economic and environmental sustainability

MO2 Outline contemporary sustainability challenges and acknowledge the importance of science and evidenced-based policy

MO3 Articulate the key drivers and trends affecting the relationship between 'resources' and the built environment including ecological systems, energy, materials and waste, water and food

MO4 Analyse the mechanisms through which sustainability is delivered at a range of spatial scales, including through policy, legislation, targets, and accreditation and management schemes

MO5 Outline the roles and responsibilities that professional groups, subject bodies and stakeholders have in the pursuit of sustainable development and corporate responsibility

MO6 Devise a campaign strategy for tackling an identified sustainability challenge

MO7 Consider the role of the media (print, image, broadcast and online) in the processes of communication and persuasion

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 228 hours

Face-to-face learning = 72 hours

Total = 300

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link https://uwe.rl.talis.com/modules/ubgmpr-30-0.html

Part 4: Assessment

Assessment strategy: Written assignment - This requires students to prepare a presentation with embedded audio. Students will be able to select a dimension relevant to their programme of study.

Report - Students will need to prepare a campaign for an identified sustainability challenge for an organisation of their choice, such as a business, professional body, or an existing campaign group. Consideration will need to be given to the target audience, required methods and tactics, and the type of resources that will be required to deliver the strategy. Students will will need to present their work via an individual report . Whilst individual in scope, students will be expected to seek interdisciplinary perspectives on their work, thereby allowing them to appreciate different viewpoints and challenges. The assessment will develop important skills in report writing and written communication.

Resit Written assignment - a similar presentation brief to that described above, which may include an adjusted topic choice. This will be submitted digitally with embedded audio as the spoken presentation.
Resit Report - a similar brief to that described above, which may include an adjusted topic choice.

Assessment components:

Written Assignment (First Sit)
Description: Individual presentation with embedded audio file (15 mins)
Weighting: 25 %
Final assessment: No

Group work: No
Learning outcomes tested: MO1, MO2, MO3

Report (First Sit)
Description: Individual Report (3,000 words)
Weighting: 75 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO4, MO5, MO6, MO7

Written Assignment (Resit)
Description: Individual presentation with embedded audio file (15 mins)
Weighting: 25 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1, MO2, MO3

Report (Resit)
Description: Individual Report (3,000 words)
Weighting: 75 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO4, MO5, MO6, MO7

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Environmental Management and Practice {Foundation} [GCET] BSc (Hons) 2023-24

Architectural Technology and Design {Foundation} [GCET] BSc (Hons) 2023-24

Urban and Regional Planning {Foundation} [GCET] BSc (Hons) 2023-24

Energy Technology and Management {Foundation} [GCET] BSc (Hons) 2023-24

Environmental Management and Practice {Foundation} [GCET] DipHE 2023-24

Urban and Regional Planning {Foundation} [GCET] DipHE 2023-24

Energy Technology and Management {Foundation} [GCET] DipHE 2023-24

Architectural Technology and Design {Foundation} [GCET] DipHE 2023-24