



Module Specification

Sustainable Resource Management

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Part 1: Information

Module title: Sustainable Resource Management

Module code: UBGMWD-15-2

Level: Level 5

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

Faculty: Faculty of Environment & Technology

Department: FET Dept of Geography & Environmental Mgmt

Partner institutions: None

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: Module Entry Requirements

Students must have 60 credits at level 1.

Educational aims: See Learning Outcomes

Outline syllabus: The module begins by reaffirming and developing students previous knowledge about sustainable resources and resource management. The

module will focus on a small number of defined resource areas (such as water resources, energy resources and food resources). Students will be introduced to the key challenges surrounding these resource areas and the factors that can affect their supply and demand, and the management implications that can arise in response. Students will also consider the challenges created by climate change for sustainable resource use and management. Module assessments will encourage students to utilise relevant datasets to understand resource challenges and communicate these to a diverse range of stakeholders.

Themes explored through the module include:

1. What are the current challenges relating to sustainable resource use and management?
2. What factors influence the supply and demand of natural resources?
3. How can resources be managed sustainably?
4. How might climate change influence resource supply and demand?
5. How can we use data to analyse and communicate resource challenges to a diverse range of stakeholders?

Part 3: Teaching and learning methods

Teaching and learning methods: Students will receive, on average, three hours of contact each week in the form of lectures, practicals, or seminars. In the sessions students will be introduced to key concepts and issues, be able to undertake practical and learning activities, and receive formative feedback on their work. In addition to the formal classes, students will be set key reading and/or activities to complete for future sessions.

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

MO1 Critically analyse contemporary national challenges for a defined resource sector (e.g. water, energy or food).

MO2 Examine the type of factors (environmental, social, economic, cultural, political and technological) that can influence resource supply and demand.

MO3 Assess the potential challenges climate change may create for a defined resource sector.

MO4 Apply relevant datasets to assess resource challenges and communicate these to stakeholders.

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/ubgmwd-15-2.html) via the following link

<https://uwe.rl.talis.com/modules/ubgmwd-15-2.html>

Part 4: Assessment

Assessment strategy: The assessment strategy is built on the premise of assessment for learning and learning by doing. Assessment comprises two equally weighted tasks related to different resource challenges and issues. These tasks will comprise written assignments that will allow students to incorporate the knowledge they are gaining from the lecture and practical elements of the module. Feedback on the first assessment can be directly used to enhance the second.

The assessment has been chosen to support student engagement, academic performance, professional development and satisfaction through:

- Integrating theoretical underpinning and skills development. Students will develop research, critical thinking, data analysis and communication skills
- Setting students the challenge of undertaking data analysis and considering how to communicate the results to multiple stakeholders
- Placing emphasis on self-directed and independent learning
- Supporting the development of industry-relevant knowledge and skills through

engaging with real-world challenges in sustainable resource management

- Encouraging the development of personal interests and specialisms.

Written Assignment 1 - Individual written assignment.

Written Assignment 2 - Individual written assignment

Resit Written Assignment 1 - a similar brief to that described above, which may include some topic changes.

Resit Written Assignment 2 - a similar brief to that described above, which may include some topic changes.

Assessment tasks:

Written Assignment (First Sit)

Description: Individual written assignment 1 (1,500 words)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Written Assignment (First Sit)

Description: Individual written assignment 2 (1,500 words).

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Written Assignment (Resit)

Description: Individual written assignment 1 (1,500 words)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Written Assignment (Resit)

Description: Individual written assignment 2 (1,500 words)

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Environmental Management {Apprenticeship-UWE} [Sep][FT][Frenchay][5yrs] BSc (Hons) 2021-22

Environmental Management and Practice {Foundation} [Feb][FT][GCET][4yrs] BSc (Hons) 2021-22

Environmental Management and Practice {Foundation} [Oct][FT][GCET][4yrs] BSc (Hons) 2021-22

Environmental Management [Frenchay] BSc (Hons) 2022-23

Geography [Frenchay] BSc (Hons) 2022-23

Geography [Frenchay] BA (Hons) 2022-23

Geography {Foundation} [Sep][FT][Frenchay][4yrs] - Not Running BSc (Hons) 2021-22

Environmental Management {Foundation} [Sep][SW][Frenchay][5yrs] - Not Running BSc (Hons) 2021-22

Environmental Management {Foundation} [Sep][FT][Frenchay][4yrs] - Not Running BSc (Hons) 2021-22

Geography {Foundation} [Sep][SW][Frenchay][5yrs] - Not Running BSc (Hons) 2021-22