



MODULE SPECIFICATION

Part 1: Information			
Module Title	Sustainable Resource Management		
Module Code	UBGMWD-15-2	Level	Level 5
For implementation from	2020-21		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Environment & Technology	Field	Geography and Environmental Management
Department	FET Dept of Geography & Environmental Mgmt		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Features: Module Entry Requirements Students must have 60 credits at level 1.</p> <p>Educational Aims: See Learning Outcomes</p> <p>Outline Syllabus: The module begins by reaffirming and developing previous knowledge about sustainable development and offers a contemporary perspective on some of the political, economic, technical and behavioural challenges and tensions relating to the pursuit of sustainable resource management. After establishing these basic foundations, the module offers a critical appraisal of the theory and practice of promoting sustainable resource management in key sectors such as public policy, business, the built environment and communities.</p> <p>Specific themes explored through the module include:</p> <ul style="list-style-type: none"> • The definition, context and drivers of sustainable and unsustainable development • The drivers and trends of global resource availability and allocation • The ethics of resource allocation in an unequal world • Approaches to assessing the life cycle impacts of key resources such as energy, water, food, forests and minerals

STUDENT AND ACADEMIC SERVICES

- The theory and practice of sustainable resource management and the implications for future infrastructure, products and services.

Teaching and Learning Methods: Students will receive, on average, 3 hours of contact each week in the form of lectures, fieldwork, or seminars. In addition to the formal classes, students will be set key reading and/or activities to complete for future sessions.

Hours

Contact time 36

Assimilation and development of knowledge 39

Assessment preparation 75

Total study time 150

Scheduled learning on this module comprises a programme of lectures during which sessions there will be break-out group activities, supported by fieldwork or seminars.

Independent learning includes time engaged with essential reading, practical tasks and assessment preparation.

Part 3: Assessment

The assessment strategy is built on the premise of assessment for learning and learning by doing. Assessment will consist of two components: (i) a group presentation on a project to carry out a life cycle analysis of an everyday product. (ii) an individual report portfolio. This will comprise short written assignments relevant to key module topics.

This mix of assessments has been chosen to support student engagement, academic performance, professional development and satisfaction through:

- an approach of continuous assessment
- placing emphasis on self-directed and independent learning
- consolidating and developing research and critical thinking and writing skills
- supporting the development of industry-relevant knowledge and skills through engaging with real-world challenges in sustainable resource management
- encouraging collaborative learning and working

The assessments are described in more detail below:

Summative Assessment

Component A - Group Presentation. Learning outcomes 1-6

Equating to 5 minutes per person (split equally between presentation and discussion)

Scheduled in advance of the submission date of the final individual report

Component B - Individual Report Portfolio (2500 words). Learning outcomes 1-6.

Formative Assessment

The assessment strategy places emphasis on a “feed-forward” approach, where students use timely formative feedback to improve their performance in summative assignments. This will include in class discussions of practical exercises, which develop lecture material within the context of case studies. There will also be opportunities for students to receive feedback on formative drafts of their assignments.

Resit assessment

Resit assessment profile will map the first sit with the exception of the presentation which will be individual.

STUDENT AND ACADEMIC SERVICES

First Sit Components	Final Assessment	Element weighting	Description
Group work - Component A		25 %	Presentation equivalent to 5 minutes per student.
Report - Component B	✓	75 %	Report Portfolio
Resit Components	Final Assessment	Element weighting	Description
Report - Component B	✓	75 %	Report Portfolio
Presentation - Component A		25 %	Online Individual Presentation - 10 slide equivalent.

Part 4: Teaching and Learning Methods																	
Learning Outcomes	<p>On successful completion of this module students will achieve the following learning outcomes:</p> <table border="1"> <thead> <tr> <th>Module Learning Outcomes</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Describe how decision-making processes operate in relation to resource management and allocation at a local, regional and national level</td> <td>MO1</td> </tr> <tr> <td>Analyze the use of resources in the context of international agreements at global and national scales in sectors such as energy, forestry, water and agriculture</td> <td>MO2</td> </tr> <tr> <td>Analyze potential pathways to more equitable resource futures in sectors such as agriculture, energy, water and forestry</td> <td>MO3</td> </tr> <tr> <td>Assess the impact of superpower economies on global resource pricing and availability</td> <td>MO4</td> </tr> <tr> <td>Assess the worldwide demand for water and, through case studies, examine the implications of water allocation and availability on communities</td> <td>MO5</td> </tr> <tr> <td>Assess the global demand for energy and critically examine the impacts and opportunities for renewable energy production</td> <td>MO6</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Describe how decision-making processes operate in relation to resource management and allocation at a local, regional and national level	MO1	Analyze the use of resources in the context of international agreements at global and national scales in sectors such as energy, forestry, water and agriculture	MO2	Analyze potential pathways to more equitable resource futures in sectors such as agriculture, energy, water and forestry	MO3	Assess the impact of superpower economies on global resource pricing and availability	MO4	Assess the worldwide demand for water and, through case studies, examine the implications of water allocation and availability on communities	MO5	Assess the global demand for energy and critically examine the impacts and opportunities for renewable energy production	MO6		
Module Learning Outcomes	Reference																
Describe how decision-making processes operate in relation to resource management and allocation at a local, regional and national level	MO1																
Analyze the use of resources in the context of international agreements at global and national scales in sectors such as energy, forestry, water and agriculture	MO2																
Analyze potential pathways to more equitable resource futures in sectors such as agriculture, energy, water and forestry	MO3																
Assess the impact of superpower economies on global resource pricing and availability	MO4																
Assess the worldwide demand for water and, through case studies, examine the implications of water allocation and availability on communities	MO5																
Assess the global demand for energy and critically examine the impacts and opportunities for renewable energy production	MO6																
Contact Hours	<table border="1"> <thead> <tr> <th colspan="2">Independent Study Hours:</th> </tr> </thead> <tbody> <tr> <td>Independent study/self-guided study</td> <td>114</td> </tr> <tr> <td>Total Independent Study Hours:</td> <td>114</td> </tr> <tr> <th colspan="2">Scheduled Learning and Teaching Hours:</th> </tr> <tr> <td>Face-to-face learning</td> <td>36</td> </tr> <tr> <td>Total Scheduled Learning and Teaching Hours:</td> <td>36</td> </tr> <tr> <td>Hours to be allocated</td> <td>150</td> </tr> <tr> <td>Allocated Hours</td> <td>150</td> </tr> </tbody> </table>	Independent Study Hours:		Independent study/self-guided study	114	Total Independent Study Hours:	114	Scheduled Learning and Teaching Hours:		Face-to-face learning	36	Total Scheduled Learning and Teaching Hours:	36	Hours to be allocated	150	Allocated Hours	150
Independent Study Hours:																	
Independent study/self-guided study	114																
Total Independent Study Hours:	114																
Scheduled Learning and Teaching Hours:																	
Face-to-face learning	36																
Total Scheduled Learning and Teaching Hours:	36																
Hours to be allocated	150																
Allocated Hours	150																

STUDENT AND ACADEMIC SERVICES

Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p> <p>https://uwe.rl.talis.com/modules/ubgmwd-15-2.html</p>
--------------	---

Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Geography and Planning [Sep][FT][Frenchay][3yrs] BA (Hons) 2019-20

Geography [Sep][SW][Frenchay][4yrs] BA (Hons) 2019-20

Geography [Sep][FT][Frenchay][3yrs] BA (Hons) 2019-20

Geography [Sep][FT][Frenchay][4yrs] MPlan 2019-20

Geography and Planning [Sep][SW][Frenchay][4yrs] BA (Hons) 2019-20

Geography [Sep][SW][Frenchay][5yrs] MPlan 2019-20

Geography and Planning {Foundation} [Sep][SW][Frenchay][5yrs] BA (Hons) 2018-19

Geography and Planning {Foundation} [Sep][FT][Frenchay][4yrs] BA (Hons) 2018-19

Geography {Foundation} [Sep][FT][Frenchay][4yrs] BSc (Hons) 2018-19

Geography {Foundation} [Sep][FT][Frenchay][4yrs] BA (Hons) 2018-19

Geography {Foundation} [Sep][SW][Frenchay][5yrs] BA (Hons) 2018-19

Geography {Foundation} [Sep][FT][Frenchay][5yrs] MPlan 2018-19

Geography {Foundation} [Sep][SW][Frenchay][6yrs] MPlan 2018-19