



MODULE SPECIFICATION

Part 1: Information			
Module Title	Coastal Management		
Module Code	UBGMLD-15-3	Level	Level 6
For implementation from	2019-20		
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:	Project		
Pre-requisites	River and Coastal Science for Engineering 2018-19, Understanding Coastal Dynamics 2019-20		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Educational Aims: See Learning Outcomes.</p> <p>Outline Syllabus: The status of coastal zone systems, an introduction to coastal zone management – coastal defence, sea defence, amenity, conservation, development.</p> <p><input type="checkbox"/> Sea-level rise and the evaluation of global coastal problems – hazard and risk.</p> <p><input type="checkbox"/> Site investigation and appraisal: the identification, evaluation (including on- and off-site sustainability) and selection of techniques and methods for:</p> <p>Beach management. Sand dune management. Saltmarsh management. Soft rock cliff management.</p> <p><input type="checkbox"/> Conceptual design, element design. Design and evaluation of engineering solutions at the coast. Choice of appropriate technology, scale and environmental impact assessment.</p> <p><input type="checkbox"/> Health and safety, ethics and environmental risk.</p>

STUDENT AND ACADEMIC SERVICES



The future of coastal zone management.

Teaching and Learning Methods: Students will receive – on average - 3 hours' contact time per week. This will be in a range of formats, including weekly keynote lectures, supervision meetings and fieldwork.

The amount of time spent on activities is shown below:

Contact time is 36 hours

Assimilation and development of Knowledge is 75 hours

Coursework preparation is 39 hours

Total Study time is 150 hours.

Scheduled learning on this module includes lectures, supervision meetings and fieldwork.

Independent learning includes time engaged with essential reading, further reading, assessment preparation and assessment completion.

Part 3: Assessment

Summative Assessment

Component A – Coastal management report. Learning outcomes 1-6
Reports will be assessed according to the following criteria:

1. The application of theoretical and practical work to describe key geomorphological and social factors affecting the health of a chosen section of coastline.
2. The identification of, and critical analysis of coastal management problems faced by the section of coast, including an evaluation of existing management.
3. Identification and critical review of potential management options that could be applied to the section of coast.
4. The design, development and review of a coastal engineering plan using critical justification of identified management options.
5. Effective consideration of the implementation, and the evaluation of the proposed design.
6. Level of professionalism in the presentation of the management report – layout, text, quality of English, referencing, image quality.

Formative work

Students will receive feedback on their management plans through a 'consultancy' style group meeting and submission of a one page Executive Summary for comment.

First Sit Components	Final Assessment	Element weighting	Description
Report - Component A	✓	100 %	Coastal management report (4000 words)
Resit Components	Final Assessment	Element weighting	Description
Report - Component A	✓	100 %	Coastal management report (4000 words)

STUDENT AND ACADEMIC SERVICES

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 style="text-align: left;">Module Learning Outcomes</th> <th style="text-align: left;">Reference</th> </tr> </thead> <tbody> <tr> <td>Critically evaluate a range of techniques to assess the status of coastal systems</td> <td>MO1</td> </tr> <tr> <td>Assess and describe the status of coastal systems</td> <td>MO2</td> </tr> <tr> <td>Identify appropriate management priorities within coastal systems</td> <td>MO3</td> </tr> <tr> <td>Critically evaluate a range of engineering and other options for improving the status of complex coastal systems</td> <td>MO4</td> </tr> <tr> <td>Design engineering solutions (hard and soft/natural), and present an economically viable management schemes for improving the status of coastal systems</td> <td>MO5</td> </tr> <tr> <td>Produce professional quality environmental management reports</td> <td>MO6</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Critically evaluate a range of techniques to assess the status of coastal systems	MO1	Assess and describe the status of coastal systems	MO2	Identify appropriate management priorities within coastal systems	MO3	Critically evaluate a range of engineering and other options for improving the status of complex coastal systems	MO4	Design engineering solutions (hard and soft/natural), and present an economically viable management schemes for improving the status of coastal systems	MO5	Produce professional quality environmental management reports	MO6		
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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/ubgmlid-15-3.html</p>																

Part 5: Contributes Towards
This module contributes towards the following programmes of study: