



MODULE SPECIFICATION

Part 1: Information			
Module Title	Managing Rivers and Coasts		
Module Code	UBGMXD-30-3	Level	Level 6
For implementation from	2019-20		
UWE Credit Rating	30	ECTS Credit Rating	15
Faculty	Faculty of Environment & Technology	Field	Geography and Environmental Management
Department	FET Dept of Geography & Environmental Mgmt		
Module type:	Project		
Pre-requisites	Understanding River Dynamics 2019-20		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Features: Module Entry requirements: 60 credits at Level 2</p> <p>Educational Aims: See Learning Outcomes</p> <p>Outline Syllabus: The syllabus includes:</p> <ul style="list-style-type: none"> Introduction to coastal zone management Sea-level rise and global coastal problems Beach management Sand dune management Saltmarsh management Sea walls and coastal zone management Engineering solutions at the coast The future of coastal zone management Introduction to river management Assessing river channel condition (flood risk; morphological stability; physical habitat; water quality; ecology) Managing river channel condition (flood risk; morphological stability; physical habitat; water quality; ecology)

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Teaching and Learning Methods: 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.

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 in this module is shown below:

Activity (Hours):
Contact time (72)
Assimilation and development of knowledge (156)
Coursework preparation (72)
Total study time (300)

Part 3: Assessment

Summative Assessment

Component A – Environmental management reports. Learning outcomes 1-6

Element 1 - Coastal management report

4,000 word coastal management report

Reports will be assessed according to the following criteria:

Description of key geomorphological and social factors affecting the health of the coast

Identification of and critical analysis of coastal management problems faced by a section of the coast

Critical analysis of potential management options that could be applied to a section of the coast

Critical justification for selected management actions

Description of recommended management actions

Level of professionalism within management report

Element 2 - River management report.

4,000 word river management report

Reports will be assessed according to the following criteria:

Critical justification of selected river assessment methods

Presentation of river condition assessment findings

Aim and objectives for study area

Critical justification for selected management actions

Description of recommended management actions

Level of professionalism within management report

Formative work

Element 1 – Students will receive feedback on their management plans through a 'consultancy' style group meeting and submission of one page of text for comment.

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Element 2 – Students will receive feedback on their river condition assessment plans, their river condition assessment results and their management ideas through a series of supervision meetings.

First Sit Components	Final Assessment	Element weighting	Description
Report - Component A	✓	50 %	River management report
Report - Component A		50 %	Coastal management report
Resit Components	Final Assessment	Element weighting	Description
Report - Component A	✓	50 %	River management report
Report - Component A		50 %	Coastal management report

Part 4: Teaching and Learning Methods

Learning Outcomes	On successful completion of this module students will achieve the following learning outcomes:	
	Module Learning Outcomes	Reference
	Critically evaluate a range of techniques to assess the condition of fluvial and coastal systems	MO1
	Assess and describe the condition of fluvial and coastal systems	MO2
	Identify appropriate management priorities within fluvial and coastal systems	MO3
	Critically evaluate a range of options for managing the condition of fluvial and coastal systems	MO4
	Describe how recommended management techniques can be used to improve the condition of fluvial and coastal systems	MO5
	Produce professional quality fluvial and coastal management reports	MO6
Contact Hours	Independent Study Hours:	
	Independent study/self-guided study	228
	Total Independent Study Hours:	228
	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	72
	Total Scheduled Learning and Teaching Hours:	72
	Hours to be allocated	300

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	Allocated Hours	300
Reading List	<i>The reading list for this module can be accessed via the following link:</i> https://uwe.rl.talis.com/modules/ubgmx-d-30-3.html	

Part 5: Contributes Towards

This module contributes towards the following programmes of study: