



## **Module Specification**

### Managing Rivers and Coasts

Version: 2023-24, v2.0, 19 Apr 2023

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## Part 1: Information

**Module title:** Managing Rivers and Coasts

**Module code:** UBGMXD-30-3

**Level:** Level 6

**For implementation from:** 2023-24

**UWE credit rating:** 30

**ECTS credit rating:** 15

**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:** Understanding Coastal Dynamics 2023-24, Understanding River Dynamics 2023-24

**Excluded combinations:** None

**Co-requisites:** None

**Continuing professional development:** No

**Professional, statutory or regulatory body requirements:** None

## Part 2: Description

**Overview:** UBGMLE-15-2 Understanding Coastal Dynamics and UBGM LV-15-2 Understanding River Dynamics are pre-requisite modules.

**Features:** Module Entry requirements: 60 credits at Level 2

**Educational aims:** See Learning Outcomes

**Outline syllabus:** The syllabus includes:

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)

### **Part 3: Teaching and learning methods**

**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)

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

**MO1** Critically evaluate a range of techniques to assess the condition of fluvial and coastal systems

**MO2** Assess and describe the condition of fluvial and coastal systems

**MO3** Identify appropriate management priorities within fluvial and coastal systems

**MO4** Critically evaluate a range of options for managing the condition of fluvial and coastal systems

**MO5** Describe how recommended management techniques can be used to improve the condition of fluvial and coastal systems

**MO6** Produce professional quality fluvial and coastal management reports

**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](https://uwe.rl.talis.com/modules/ubgmxd-30-3.html) via the following link <https://uwe.rl.talis.com/modules/ubgmxd-30-3.html>

## **Part 4: Assessment**

**Assessment strategy:** Summative Assessment

Report – Coastal environmental management report (4,000 words).

Report - River management report (4,000 words).

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

#### Formative Assessment

For each report students will receive feedback on the development of their plans through a combination of individual and group meetings.

#### **Assessment tasks:**

##### **Report (First Sit)**

Description: River management report (4000 words)

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

##### **Report (First Sit)**

Description: Coastal management report (4000 words)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

##### **Report (Resit)**

Description: River management report (4000 words)

Weighting: 50 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

##### **Report (Resit)**

Description: Coastal management report (4000 words)

Weighting: 50 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6

## **Part 5: Contributes towards**

This module contributes towards the following programmes of study:

Geography [Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22

Geography [Sep][SW][Frenchay][4yrs] BSc (Hons) 2020-21

Geography {Foundation} [Sep][FT][Frenchay][4yrs] - Not Running BSc (Hons) 2020-21

Geography {Foundation} [Sep][SW][Frenchay][5yrs] BSc (Hons) 2019-20