



## **Module Specification**

### Water Management and Law

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## Part 1: Information

**Module title:** Water Management and Law

**Module code:** UBGMV4-15-M

**Level:** Level 7

**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:** Master-level course Sustainable Water Management (UBGMV4-15-M) will introduce you to a range of topics relating to sustainable water management in a challenging future.

**Features:** Not applicable

**Educational aims:** See Learning Outcomes.

**Outline syllabus:** Key topics include:

Understanding freshwater ecosystems and the relevance of ecosystem services to water management

Water management: historical and current perspectives

Integrated water resources management (IWRM)

Water management challenges and practices in different geographies

Nature-based, traditional and modern engineering-based water management solutions: history, conflicts and integration

Water law and regulation in the UK

European and aspects of wider International water law

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

**Teaching and learning methods:** The course will include a series of lectures addressing these topics as well as invitations to attend relevant external events and presentations by visitors to the university.

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

**MO1** Explain basic principles of freshwater ecosystems, the ecosystem services they provide to society and how these support, and are affected by, land and water use practices

**MO2** Critically analyse the classical approaches to freshwater management

**MO3** Demonstrate ability to organise and analyse quantitative and qualitative data related to water management issues to appropriate level.

**MO4** Demonstrate effective use of key information sources on water management issues,

**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/ubgmv4-15-m.html) via the following link <https://uwe.rl.talis.com/modules/ubgmv4-15-m.html>

## **Part 4: Assessment**

**Assessment strategy:** The assessment strategy is designed to allow for student-led flexibility in learning whilst also ensuring that key core competences are demonstrated. As students progress through the module material they will encounter formative exercises, often technical in nature, which they are required to complete as part of their learning process.

Exercises are to be submitted as part of a formative portfolio of work so that assessors may satisfy themselves that core competencies have been covered.

The Assessment:

Written Assignment - 3000 word report on a topic chosen by the student and agreed with the Module Leader, to be completed as assessed coursework. There will be ongoing staff tutoring as the topic/assignment develops enabling the tutor to monitor originality.

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

**Assessment tasks:**

**Written Assignment (First Sit)**

Description: Report (3000 words)

Weighting: 100 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

**Written Assignment (Resit)**

Description: Report (3000 words equivalent)

Weighting: 100 %

Final assessment: No

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 [Frenchay] MSc 2023-24

Environmental Management [Frenchay] MSc 2022-23

Environmental Consultancy [Frenchay] MSc 2023-24

Environmental Consultancy [Frenchay] MSc 2023-24

Environmental Consultancy [Frenchay] MSc 2022-23