



## Programme Specification

Environmental Management {Foundation}

[Sep][SW][Frenchay][5yrs]

Version: 2020-21, v2.0, 23 Jun 2021

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## Section 1: Key Programme Details

### Part A: Programme Information

**Programme title:** Environmental Management {Foundation}

[Sep][SW][Frenchay][5yrs]

**Highest award:** BSc (Hons) Environmental Management

**Interim award:** BSc Environmental Management

**Interim award:** DipHE Environmental Management

**Interim award:** CertHE Environmental Management

**Awarding institution:** UWE Bristol

**Affiliated institutions:** Not applicable

**Teaching institutions:** UWE Bristol

**Study abroad:** No

**Year abroad:** No

**Sandwich year:** Yes

**Credit recognition:** No

**Department responsible for the programme:** FET Dept of Geography & Environmental Mgmt, Faculty of Environment & Technology

**Contributing departments:** Not applicable

**Professional, statutory or regulatory bodies:**

Chartered Institution of Water and Environmental Management (CIWEM)

Institute of Environmental Management and Assessment

**Apprenticeship:** Not applicable

**Mode of delivery:** Sandwich

**Entry requirements:** For the current entry requirements see the UWE public website

**For implementation from:** 01 September 2021

**Programme code:** FJ7F-SEP-SW-FR-FJ7C13

## **Section 2: Programme Overview, Aims and Learning Outcomes**

### **Part A: Programme Overview, Aims and Learning Outcomes**

**Overview:** BSc (Hons) Environmental Management is designed to produce graduates who understand the science of climate and environmental change and possess the flexibility to develop interdisciplinary mitigation and adaptation solutions principally through understanding the relationship between people and the environment, energy, resource and environmental management.

Transferable and lifelong learning skills are embedded within the programme and, combined with multidisciplinary subject knowledge, they aim to enhance students' employability and continuing professional development (CPD).

**Educational Aims:** The programme aims to provide an academically rigorous and intellectually stimulating environment and has a programmatic structure with four clear themes providing a unique specialism intended to develop graduates who:

Possess a rigorous understanding of the causes of climate change, environmental change and resource depletion and of appropriate sustainable mitigation and adaptation strategies

Appreciate and understand the human influence on and relationship between the environment and sustainable behaviour

Possess the subject knowledge and practical skills to meet the recruitment needs of key climate change, energy management-, resource management- and environmental management-related sectors

Are able to deploy their skills in research professionally to apply an evidence-led, rigorous approach to environmental issues and to play a leading role when dealing with current and emerging environmental and resource policies and mitigation and adaptation strategies

Further transferrable skills, experiences and opportunities have been designed into this programme to develop graduates who:

Interact with and are able to communicate effectively with professionals from a variety of disciplines, and with clients and the public; and who have understanding and respect for the objectives and values of a diversity of stakeholders

Are employable graduates who are able to independently identify their needs for continuing professional development (CPD) and career progression

### **Programme Learning Outcomes:**

On successful completion of this programme graduates will achieve the following learning outcomes.

### **Programme Learning Outcomes**

- PO1. Identify and engage with key concepts of climate change science, policy and apply them to the challenges involved in environmental management currently and in the future.
- PO2. Critically appreciate the knowledge and strategies that would allow them to work with individuals, communities and institutions to implement environmental strategies.
- PO3. Identify and exhibit professional attributes commensurate with those who work in the field of environmental management (informed by the IEMA graduate skills).
- PO4. Dissect and understand academic research, choose appropriate research methods, design and apply research techniques and research findings to practice.

- PO5. Explain how human factors affect the environment (and vice versa) and the ability to suggest reasons for action and non-action and to suggest strategies to affect changes in attitudes and behaviours.
- PO6. Competently present information about environmental topics through a range of formats (such as presentations, reports, web-based) consulting with multi-stakeholders, to design and implement a range of environmental management strategies.
- PO7. Critically evaluate multi-level policies related to the environment and sustainability.
- PO8. Self-reflect, be autonomous and rigorous in learning, designing and implementing strategies to promote sustainable environmental management.

## Part B: Programme Structure

### Year 1

The student must take 120 credits from the modules in Year 1.

### Year 1 Compulsory Modules

The student must take 120 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UBGMNR-15-0	Challenges, Data and Solutions 2020-21	15
UBGMPR-30-0	Environment and Sustainability 2020-21	30
UBGMNA-15-0	Field Study 2020-21	15
UBLMPA-30-0	Foundation Year Project 2020-21	30
UBGMMR-30-0	Physical and Human Environments of the City Region 2020-21	30

### Year 2

The student must take 120 credits from the modules in Year 2.

### Year 2 Compulsory Modules

The student must take 120 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
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UBGMGM-15-1	Analysing Environmental Change 2021-22	15
UBGLXD-30-1	Environmental Challenges 2021-22	30
UBGMJ9-30-1	Environmentalism, Society and Governance 2021-22	30
UBLMGN-30-1	Healthy Sustainable Communities 2021-22	30
UBGMHM-15-1	Sustainable Technologies 2021-22	15

### Year 3

The student must take 120 credits from the modules in Year 3.

### Year 3 Compulsory Modules

The student must take 75 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UBGMKA-15-2	Environmental Assessment 2022-23	15
UBGMWJ-15-2	Environmental Management in Organisations 2022-23	15
UBGMYJ-30-2	Environmental Psychology in the Community 2022-23	30
UBGMJ6-15-2	Professional Development for Geographers 2022-23	15

### Year 3 Optional Modules

The student must take 45 credits from the modules in Optional Modules.

Module Code	Module Title	Credit
UBGLE1-15-2	Climate and Environmental Justice 2022-23	15
UBGLXX-30-2	Researching Human Geography 2022-23	30
UBGLYG-30-2	Researching Physical Geography 2022-23	30

UBGMWD-15-2	Sustainable Resource Management 2022-23	15
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#### Year 4

Students who undertake a year long placement will be under the care of the University placement team and will also study UBGLVX-15-3 during their time in the workplace. Students who take UBGLVX-15-3 Placement must take UBGMVD-15-3 Independent Project.

#### Year 4 Compulsory Modules Sandwich Year

Students on the Sandwich year must take the following module:

Module Code	Module Title	Credit
UBGLVX-15-3	Placement 2023-24	15

#### Year 5

The student must take 105 credits from the modules in Year 5.

#### Year 5 Compulsory Modules

The student must take 75 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UBGMXJ-30-3	Environment and Behaviour 2024-25	30
UBGMVD-15-3	Independent Project (DGEM) 2024-25	15
UBGMT4-15-3	Managing Air Quality 2024-25	15
UBGMTK-15-3	Practising Waste Management 2024-25	15

#### Year 5 Optional Modules

The student must take 30 credits from the modules in Optional Modules.

Module Code	Module Title	Credit
UBGMJC-30-3	Advanced Geographical Expedition 2024-25	30
UBGMPU-30-3	Decolonising Environmental Management 2024-25	30

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UBGLXC-30-3	Environmental Planning and Design 2024-25	30
UBGMSU-30-3	GIS and Remote Sensing Applications 2024-25	30
UBGMME-30-3	Water and Energy Futures 2024-25	30

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### **Part C: Higher Education Achievement Record (HEAR) Synopsis**

This programme responds to increasing need for action to manage environmental issues as a result of climate change. This includes developed knowledge of factors underpinning environmental challenges, including an understanding of climate change, sustainability and of how individuals behave and how communities and institutions impact and affect the environment. The programme is interdisciplinary with equally strong emphasis on integrated learning from and about how to conduct rigorous academic research and how it can be applied in practice. Professional, self-reflective skills are central to this programme which is designed to produce highly employable graduates.

### **Part D: External Reference Points and Benchmarks**

There is no Benchmark statement for the subject of Environmental Management but this programme has been informed by the statements that exist for complimentary subjects such as geography, earth science, environmental science and environmental studies.

In addition the intention following approval is to seek accreditation from The Institute of Environmental Management and Assessment and as such the 13 Graduate standard learning outcomes detailed in the IEMA Graduate Membership: Accredited Degree Programme (2016) have been integral to the development of this programme.

The programme is also lead by UWE's core principle of 'Advancing knowledge, inspiring people, transforming futures' and the guiding principles contained within



Strategy 2020 and, as we look to the future Strategy 2030 and the QAA UK Quality Code for HE.

Programme development has also been informed by the principles of Education for Sustainable Development and will also compliment and include the Sustainable Development Goals.

### **Part E: Regulations**

Approved to University Regulations and Procedures.