



Programme Specification

Environmental Management [Sep][FT][Frenchay][3yrs]

Version: 2022-23, v3.0, 19 Jan 2022

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Section 1: Key Programme Details

Part A: Programme Information

Programme title: Environmental Management [Sep][FT][Frenchay][3yrs]

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: Full-time

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

For implementation from: 01 September 2022

Programme code: FJ7C13 -SEP-FT-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 |
|-------------|--|--------|
| UBGMB1-30-1 | Air, Land and Water: Fundamental Processes 2022-23 | 30 |
| UBGMA1-15-1 | An Introduction to Geographic Information Systems and Remote Sensing 2022-23 | 15 |
| UBGMGM-15-1 | Analysing Environmental Change 2022-23 | 15 |
| UBGM91-15-1 | Engaging people, communities, and institutions 2022-23 | 15 |
| UBGMJ9-30-1 | Environmentalism, Society and Governance 2022-23 | 30 |
| UBGMHM-15-1 | Sustainable Technologies 2022-23 | 15 |

Year 2

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

Year 2 Compulsory Modules

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

| Module Code | Module Title | Credit |
|--------------------|---|---------------|
| UBGMKA-15-2 | Environmental Assessment 2023-24 | 15 |
| UBGMWJ-15-2 | Environmental Management in Organisations 2023-24 | 15 |
| UBGMJ6-15-2 | Professional Development 2023-24 | 15 |
| UBGLXX-30-2 | Researching Human Geography 2023-24 | 30 |

Year 2 Optional Modules Group 1

The student must take 30 credits from the modules in Optional Modules Group 1.

| Module Code | Module Title | Credit |
|--------------------|---|---------------|
| UBGMC1-30-2 | Air, Land and Water: Data and Models 2023-24 | 30 |
| UBGMYJ-30-2 | Environmental Psychology in the Community 2023-24 | 30 |

Year 2 Optional Modules Group 2

The student must take 15 credits from the modules in Optional Modules Group 2.

| Module Code | Module Title | Credit |
|--------------------|---|---------------|
| UBGLE1-15-2 | Climate and Environmental Justice 2023-24 | 15 |
| UBGMH3-15-2 | Ecology 2023-24 | 15 |
| UBGMWD-15-2 | Sustainable Resource Management 2023-24 | 15 |

Year 3

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

Year 3 Compulsory Modules

The student must take 60 credits from the modules in Compulsory Modules.

| Module Code | Module Title | Credit |
|--------------------|---------------------|---------------|
|--------------------|---------------------|---------------|

| | | |
|-------------|-------------------------------------|----|
| UBGMXJ-30-3 | Environment and Behaviour 2024-25 | 30 |
| UBGMT4-15-3 | Managing Air Quality 2024-25 | 15 |
| UBGMTK-15-3 | Practising Waste Management 2024-25 | 15 |

Year 3 Compulsory Modules Choices

Students must take 30 credits from:

UBGMQD-30-3 Final Year Project

OR

UBGMYQ-15-3 Professional Experience

and

UBGMVD-15-3 Independent Project

| Module Code | Module Title | Credit |
|-------------|------------------------------------|--------|
| UBGMQD-30-3 | Final Year Project 2024-25 | 30 |
| UBGMVD-15-3 | Independent Project (DGEM) 2024-25 | 15 |
| UBGMYQ-15-3 | Professional Experience 2024-25 | 15 |

Year 3 Optional Modules

Students choose 30 credits from the following modules:

| Module Code | Module Title | Credit |
|-------------|---|--------|
| UBGMJC-30-3 | Advanced Geographical Expedition 2024-25 | 30 |
| UBGMJT-30-3 | Biogeography and Conservation 2024-25 | 30 |
| UBGMPU-30-3 | Decolonising Environmental Management 2024-25 | 30 |
| UBGMSU-30-3 | GIS and Remote Sensing Applications 2024-25 | 30 |
| UBGMWE-30-3 | Planning Global Cities 2024-25 | 30 |

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 programme is accredited by 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 accredited by CIWEM.

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.