Programme Specification

Environmental Management {Apprenticeship-UWE}[Frenchay]

Version: 2022-23, v1.0, 25 Jun 2023

Contents

Section 1: Key Programme Details

Part A: Programme Information

Programme title: Environmental Management {Apprenticeship-UWE}[Frenchay]

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

School responsible for the programme: FET Dept of Geography & Envrnmental Mgmt, Faculty of Environment & Technology

Contributing schools: Not applicable

Professional, statutory or regulatory bodies: Not applicable

Apprenticeship: ST0778

Mode of delivery: Full-time

Entry requirements: For the current entry requirements see the UWE course entry

For implementation from: 01 September 2022

Programme code: FJ7G13

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 60 credits from the modules in Year 1.

Year 1 Compulsory Modules
The student must take 60 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
UBGM91-15-1	Engaging people, communities, and institutions 2022-23	15

Year 2
The student must take 60 credits from the modules in Year 2.

Year 2 Compulsory Modules
The student must take 60 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UBGMGM-15-1	Analysing Environmental Change 2023-24	15
UBGMJ9-30-1	Environmentalism, Society and Governance 2023-24	30
UBGMHM-15-1	Sustainable Technologies 2023-24	15

Year 3
The student must take 75 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
UBGMC1-30-2	Air, Land and Water: Data and Models 2024-25	30
UBGMKA-15-2	Environmental Assessment 2024-25	15
UBGMWJ-15-2	Environmental Management in Organisations 2024-25	15
UBGMWD-15-2	Sustainable Resource Management 2024-25	15

Year 4

The student must take 75 credits from the modules in Year 4.

Year 4 Compulsory Modules

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

Module Code	Module Title	Credit
UBGMYJ-30-2	Environmental Psychology in the Community 2025-26	30

Year 4 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 2025-26	15
UBGMH3-15-2	Ecology 2025-26	15
UBGMLE-15-2	Understanding Coastal Dynamics 2025-26	15
UBGMLV-15-2	Understanding River Dynamics 2025-26	15
UBGMME-30-3	Water and Energy Futures 2025-26	30

Year 5

The student must take 90 credits from the modules in Year 5. Please note: the End-Point Assessment module UBGMW1-30-3 cannot be taken until all the gateway requirements of the apprenticeship standard have been fulfilled, including the successful achievement of all other required modules.

Year 5 Compulsory modules

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

Module Code	Module Title	Credit
UBGMW1-30-3	Environmental Practitioner End-Point Assessment 2026-27	30
UBGMT4-15-3	Managing Air Quality 2026-27	15
UBGMTK-15-3	Practising Waste Management 2026-27	15

Year 5 Optional modules

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

Module Code	Module Title	Credit
UBGMJT-30-3	Biogeography and Conservation 2026-27	30
UBGMXJ-30-3	Environment and Behaviour 2026-27	30
UBGMXD-30-3	Managing Rivers and Coasts 2026-27	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 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

NB: The following variants to University Academic Regulations have been submitted for approval:

Approved variants to University Academic Regulations and Procedures:

The following are relevant to the End-Point Assessment module -UBGMW1-30-3 Environmental Practitioner End-Point Assessment

Regulations D5 (Module types) and D6 (Requirements to pass a module):

- This module has two assessment tasks, each with a mark expressed as a grade (Distinction/Pass/Fail).
- The overall module outcome will be graded as Distinction/Pass/Fail in line with the Environmental Practitioner assessment plan (see left for details).

Regulations D7 (Failure of a Module) and D8 (Retaking a Module):
- The apprentice's employer will need to agree that a resit or retake is an appropriate course of action.
- A resit or retake will be capped at a Pass and will take place within 5 months of the Fail notification, unless the university determines there are personal or exceptional circumstances outside the control of the apprentice and/or employer which warrant an uncapped resit or retake, and a longer timeframe.

Regulation D12 (Requirements for the Award of an Undergraduate Degree):
- The End-Point Assessment module grade will count towards the overall degree classification.