



Module Specification

Environmental Protection and Sustainability

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Part 1: Information

Module title: Environmental Protection and Sustainability

Module code: UZVRTP-15-M

Level: Level 7

For implementation from: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

Faculty: Faculty of Health & Applied Sciences

Department: HAS School of Health and Social Wellbeing

Partner institutions: None

Field: Health, Community and Policy Studies

Module type: Standard

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: Yes

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Not applicable

Educational aims: To access, synthesise, critically analyse and apply knowledge and understanding to:

International, European and UK legal systems and have the ability to apply this to

environmental health practice.

Concepts of risk assessment and management and be able to apply these to environmental health situations.

Application of environmental health theory to practice.

Determination, application and evaluation of a variety of environmental health interventions.

Role of the environmental health practitioner in professional practice.

Demonstration of development as a reflective practitioner.

Outline syllabus: The syllabus will typically include the following:

Introduction to the concepts of environment, health and sustainable development and how they relate to one another.

Development and implementation of pollution management policies and strategies by local government, central government and international agencies; National, European and international perspectives on pollution incidents and management.

Roles and functions of the various agencies involved in environmental protection and how they interact and collaborate.

Environmental protection by the development and use of strategic policies such as land use planning, transport, recycling and re-use of materials.

Environmental quality guidelines, standards and objectives for air, water and land.

The treatment of water and sewage and implications for the health and safety of water supplies and surface waters including bathing water.

Environmental and health impact assessment. Integrated pollution prevention and control and the best practical environmental option.

The origin and nature of the law of nuisance and the use of statutory nuisance as a remedy in environmental health practice.

Noise monitoring and abatement methods; the use of national and international standards and guidelines in assessing the impact of noise.

Air quality theory and management; challenges to improving air quality.

Environmental radiation associated with high-voltage power transmission, telephony and natural emissions such as radon.

Procedures for the determination and management of contaminated land.

Principles of sustainable development and their influence on waste management strategies.

Analysis and evaluation of regional, national and international Environmental and Public Health interventions that seek to achieve environmental protection and sustainability goals

Part 3: Teaching and learning methods

Teaching and learning methods: The module is delivered through a combination of both synchronous and asynchronous learning; some elements are taught face to face on campus and others online. Students will have access to time-dependent release of online asynchronous resources and access to a programme of synchronous lectures, seminars and tutorials

As part of the block learning opportunity, provided each term, students will be able to engage with integrated work-based scenarios, which enables students to experience practice-oriented learning. This may take the form of field trips, practical inspections, assessment, surveys, evidence and data gathering.

The synchronous activities and block delivery will promote development of the student-tutor relationship and build a cohort identity between all students studying for the module.

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

MO1 Understand and express the links between environment, pollution, health and sustainable development

MO2 Critically appraise the role of environmental health practitioners in conjunction with other agencies and stakeholders in managing environmental risk

MO3 Critically evaluate and analyse the efficacy of a range of pollution prevention and control strategies/interventions

MO4 Critically appraise, analyse and evaluate the Environmental law and standards at UK, EU and supranational level and their efficacy in combating local and trans-boundary emissions

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 120 hours

Face-to-face learning = 30 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/uzvrtp-15-m.html) via the following link <https://uwe.rl.talis.com/modules/uzvrtp-15-m.html>

Part 4: Assessment

Assessment strategy: The summative assessment for this module is a presentation.

Presentation; the production of an online group presentation, including questions (total 30 minutes). Working within designated groups, students will collaborate to produce and deliver a presentation with supporting information resources to a target audience. The presentation topic will be based on a contemporary environmental

protection theme of public health significance and will require students to research and engage critically with a range of qualitative and quantitative data sources. The use of an on-line group presentation serves to facilitate group cohesion and identity as a learning community, in addition to developing collaborative working attributes, digital literacy skills, justification of practitioner decision making judgements which are commonly employed in professional practice. Developmental feedback is fed forward from previous module assessments and there are strategies in place to manage any perceptions of inequality and ensure there is parity of across the group.

In some circumstances a group may consist of one student.

Formative Assessment

Opportunities exist for formative assessment in the module, through Blackboard collaborate sessions and activities, journal entries and individual feedback.

Assessment tasks:

Presentation (First Sit)

Description: Online group presentation (30 minutes)

Weighting: 100 %

Final assessment: Yes

Group work: Yes

Learning outcomes tested: MO1, MO2, MO3, MO4

Presentation (Resit)

Description: Online group viva (30 minutes)

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Environmental Health [Frenchay] MSc 2023-24

Environmental Health [Frenchay] MSc 2022-23