



Module Specification

Environmental Protection

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Contents

Module Specification	1
Part 1: Information	2
Part 2: Description	2
Part 3: Teaching and learning methods	3
Part 4: Assessment.....	4
Part 5: Contributes towards	6

Part 1: Information

Module title: Environmental Protection

Module code: UZVYBA-30-2

Level: Level 5

For implementation from: 2023-24

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Health & Applied Sciences

Department: HAS Dept of Social Sciences

Partner institutions: University Centre Weston

Field: Health, Community and Policy Studies

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: The module considers the origins, and the environmental and health outcomes, of pollutants which contaminate the hydrosphere, atmosphere and lithosphere. Environmental noise nuisance and acoustics are also included in this module.

Features: Not applicable

Educational aims: The content of the module will require familiarization with the law and the legal processes which are designed to control pollution, as well as the scientific nature of the pollutants themselves and their potential impact on health and the environment. You will gain practical experience in pollution monitoring through field-based activities and will learn to apply mathematics to this area of the programme.

Outline syllabus: Subjects included in the module are:

air pollution;

water pollution;

contaminated land;

environmental permitting;

environmental noise and acoustics;

waste management;

climate change;

fly tipping;

neighbourhood complaints (nuisances and anti-social behaviour).

Part 3: Teaching and learning methods

Teaching and learning methods: See Assessment Strategy

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

MO1 Identify and appraise sources of physical, chemical and biological pollutants.

MO2 Undertake monitoring, measurement, recording and sampling of pollutants, and predict the likely environmental and health outcomes from analysis of the derived data.

MO3 Evaluate the impacts of pollutants on human health and wellbeing and the effects on the environment.

MO4 Evaluate impacts of interventions in relation to pollution control.

MO5 Demonstrate competence in responding to and resolving clients' complaints.

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 210 hours

Face-to-face learning = 90 hours

Total = 300

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/index.html) via the following link <https://uwe.rl.talis.com/index.html>

Part 4: Assessment

Assessment strategy: The Assessment Strategy has been designed to support and enhance the development of both subject-based and generic key skills, whilst ensuring that the Learning Outcomes are achieved.

Assessment task A – Group presentation

You will be presented with simulated neighbourhood complaints, and are then required to demonstrate competence in assessing the nature and severity of the complaints. An appropriate course of action must then be determined which may involve legal prosecution. In completing this assignment students will demonstrate good communication skills, as well as the ability to acquire data, and assess risk. The presentation lasts for twenty minutes in total, ten minutes of which are for answering questions. The resit is expected to be a group presentation, however if necessary an individual presentation will be considered.

Assessment task B – Field investigation and report

You will be required to take part in activities which result in the collection of data relating to air pollution, water pollution or environmental noise (or other reasonable

suggestion) in the local vicinity. The field report will be completed by using the data collected, and will compare this with existing publicly available data. The field report will be accompanied by video or photographic evidence to show that the student was involved in the data collection, thus providing the control. The assignment meets several professional requirements designated by The Chartered Institute of Environmental Health, and addresses learning outcomes 1,2, 3 and 4.

Students are able to discuss formative work and obtain feedback in assignment tutorials within the module.

Assessment tasks:**Presentation (First Sit)**

Description: Group presentation (20 minutes)

Weighting: 30 %

Final assessment: No

Group work: Yes

Learning outcomes tested: MO5

Field work (First Sit)

Description: Field investigation and report (2000 words)

Weighting: 70 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Presentation (Resit)

Description: Group presentation (20 minutes)

Weighting: 30 %

Final assessment: No

Group work: Yes

Learning outcomes tested: MO5

Field work (Resit)

Description: Field investigation and report (2000 words)

Weighting: 70 %

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:

Public and Environmental Health [UCW] BSc (Hons) 2022-23

Public and Environmental Health [UCW] BSc (Hons) 2022-23

Public and Environmental Health [Sep][FT][UCW][3yrs] BSc (Hons) 2022-23

Public and Environmental Health [Sep][PT][UCW][4yrs] BSc (Hons) 2022-23

Environmental Health Practitioner {Apprenticeship-UCW} [UCW] BSc (Hons) 2022-23