Module Specification

Environmental Protection

Version: 2025-26, v2.0, Approved

Contents

Part 1: Information

Module title: Environmental Protection

Module code: UZVYBA-30-2

Level: Level 5

For implementation from: 2025-26

UWE credit rating: 30

ECTS credit rating: 15

College: College of Health, Science & Society

School: CHSS School of Health and Social Wellbeing

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 familiarisation 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. Students 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: The module may consist of the following activities:

Lectures (hybrid)

Seminars

Tutorials

Guest Speakers

Field based visits

Independent study will be organised with a series of both essential and further readings and preparation for practical workshops. It is expected that students prepare themselves for lectures by completing set tasks.

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 impacts of interventions in relation to pollution control.

MO4 Demonstrate competence in responding to and resolving clients' complaints.

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 228 hours

Face-to-face learning = 72 hours

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

Part 4: Assessment

Assessment strategy: This module has two assessment tasks; a group presentation and a field investigation + report.

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 1 – Group presentation (maximum 20 minutes of which 10 minutes are for answering questions).

Students 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.

Assessment task 2 – Field investigation and report (maximum 2000 words)

Students 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). 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.

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

Assessment tasks:

Field work (First Sit)
Description: Field investigation and report (maximum 2000 words)
Weighting: 70 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2, MO3

Presentation (First Sit)
Description: Group presentation (maximum 20 minutes)

Weighting: 30 %
Final assessment: No
Group work: Yes
Learning outcomes tested: MO4

Presentation (Resit)
Description: Group presentation (maximum 20 minutes)
Weighting: 30 %
Final assessment: No
Group work: Yes
Learning outcomes tested: MO4

Field work (Resit)
Description: Field investigation and report (maximum 2000 words)
Weighting: 70 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO1, MO2, MO3

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Environmental Health Practitioner {Apprenticeship-UCW} [UCW] BSc (Hons) 2024-25

Public and Environmental Health [UCW] BSc (Hons) 2024-25

Public and Environmental Health [UCW] BSc (Hons) 2024-25