Module Specification

Environmental Impact

Version: 2025-26, v2.0, Approved

Contents

Part 1: Information

Module title: Environmental Impact

Module code: UZVYB5-30-1

Level: Level 4

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: None

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: This module is an introduction to the natural processes of the earth's systems and the impact that anthropogenic activity can have on them.

Students are introduced to the scientific phenomena that govern the natural world including the atmosphere, hydrosphere, lithosphere and biosphere. This will enable students to gain an appreciation of how pollution can affect the natural environment and therefore the importance of controlling it.

Features: Not applicable

Educational aims: The module aims to consider how scientific phenomena processes influence key biological and ecological systems as well as human life and health. The impact of human activity upon the earth's systems is also an important feature of the module and is considered in the context of sustainability of resources and climate change.

Outline syllabus: Subjects studied in the module include:

Physical laws and phenomena such as gravity and light

Rock formation

Properties of soil

The water cycle

Nutrient cycles (carbon, nitrogen and phosphorous)

The atmosphere, weather, and the ozone hole

Climate change

Sustainability

Globalisation

Students are also introduced to the use of environmental statistics in this module.

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 environmental stressors created by an industrial facility, and assess their impact on the local environment and on the health of local communities.

MO2 Explain how human activity impacts upon the biological and ecological systems of the natural world.

MO3 Examine the anthropogenic causes of climate change, and how climate change might impact on human health.

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

Part 4: Assessment

Assessment strategy: This module has two assessment tasks; an interview and an essay.

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. This module contains an assessment which relies upon a field visit. If this cannot take place other arrangements will be made.

Assessment task 1: Interview (maximum 15 minutes)

The interview will be based on students' experience in relation to facilities that have environmental responsibilities. Students will visit a large scale facility (such as a quarry or water treatment plant) where they will observe processes and obtain information. Following this, they will take part in an individual interview in which they are expected to relate their findings to the facility's impact on the environment and the health impact on nearby communities. The assignment also meets several professional requirements designated by the CIEH.

Assessment task 2: Essay (maximum 2000 words)

The assessment task will require students to complete an essay on 'climate change', discovering anthropogenic causes, analysing health impacts, and proposing mitigations. This is a conventional assignment and will develop academic investigative, reading and writing skills.

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

The use of an interview will ensure that opportunities for plagiarism are minimised.

Assessment tasks:

Written Assignment (First Sit)
Description: Essay (maximum 2000 words)
Weighting: 50 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO2, MO3

Presentation (First Sit)
Description: Interview (maximum 15 minutes)
Weighting: 50 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1

Written Assignment (Resit)
Description: Essay (maximum 2000 words)
Weighting: 50 %
Final assessment: Yes
Group work: No
Learning outcomes tested: MO2, MO3

Presentation (Resit)
Description: Interview (maximum 15 minutes)
Weighting: 50 %
Final assessment: No
Group work: No
Learning outcomes tested: MO1

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Environmental Health Practitioner {Apprenticeship-UCW} [UCW] BSc (Hons) 2025-26

Environmental Health Practitioner {Apprenticeship-UCW} [UCW] BSc (Hons) 2025-26

Public and Environmental Health [UCW] BSc (Hons) 2025-26

Public and Environmental Health [UCW] BSc (Hons) 2025-26

Public and Environmental Health [UCW] BSc (Hons) 2025-26

Public and Environmental Health [UCW] BSc (Hons) 2025-26