MODULE SPECIFICATION

Part 1: Information			
Module Title	Pollution Management		
Module Code	UZVSKR-15-M	Level	Level 7
For implementation from	2020-21		
UWE Credit Rating	15	ECTS Credit Rating	7.5
Faculty	Faculty of Health & Applied Sciences	Field	Health, Community and Policy Studies
Department	HAS Dept of Health & Social Sciences		
Module type:	Standard		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description

Educational Aims: This module will introduce you to the management of pollution in the context of an Environmental Health Professional. To understand this, we will look at the environment and how we interact with it, the impacts on public health of damage to the environment and how Environmental Health professionals can assess the risk of, and regulate certain areas to reduce or remove this impact.

Outline Syllabus: 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, including natural emissions such as radon;

Procedures for the determination and management of contaminated land;

Principles of sustainable development.

Teaching and Learning Methods: The module will be delivered employing a variety of techniques requiring the students to utilise and further develop their skills of independent learning. Technology will be used where appropriate to support online delivery of lectures, seminars, practical workshops and scheduled learning. Various opportunities will be provided for self-assessment and formative feedback throughout the course of the module.

There will be a practical element to the module, involving water sampling, or a similar activity to demonstrate how data is gathered and assessed to reach decisions delivered using work books to enable students to complete these practical sessions remotely

Part 3: Assessment

The Assessment Strategy has been designed to support and enhance the development of both subject-based and generic key skills, whilst ensuring that the module's Learning Outcomes are met. The assessment for this module comprises of an online group presentation and a critically reflective journal. This two-part assessment assesses all the specific module learning outcomes in addition to the Chartered Institute of Environmental Health (PSRB) Knowledge and Skills domains.

Component A comprises of an online group presentation. Working within designated groups of no more than four, students will collaborate to produce and deliver a presentation 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 a group presentation serves to facilitate group cohesion and build a learning community, in addition to developing collaborative working attributes and digital literacy skills which are commonly employed in Environmental Health professional practice. Groups will be provided with an online planning tool via the VLE. This will form the evidence of planning and participation in group-work. A single mark will be given to all members of each group unless the module team are aware of a discrepancy in effort. If this is the case, individual marks will be awarded based on evidence from the presentation and evidence from the planning undertaken by the group. This evidence could be from the VLE and/or provided by individuals within the group. Students will be made aware of this in the module handbook.

An individual failing component A will be required to undertake a shorter, individual presentation. The topic will be similar to the group presentation and will have similar requirements, without the group-work elements.

Component B comprises a critically reflective journal of not more than 2000 words in total (excluding tables, figures and references). The journal will address a number of the key environmental protection regulatory regimes/public health issues studied in the module. The journal will require students to engage with contemporary policy challenges, including sustainability; to research and analyse relevant public health data; and to demonstrate

a critical understanding of the role of an Environmental Health professional in the context of environmental protection and pollution management.

The journal will be submitted for assessment in three stages throughout the module to reduce assessment bunching with other modules on the same programme. This will also allow some summative assessment feedback early in the module.

Formative Assessment
Opportunities exist for formative assessment in the module, through in-class and online quizzes, group exercises and individual feedback.

First Sit Components	**Final Assessment**	**Element weighting**	**Description**
Reflective Piece - Component B		30 %	Journal 2 (1000 words)
Reflective Piece - Component B	✓	15 %	Journal 3 (500 words)
Reflective Piece - Component B		15 %	Journal 1 (500 words)
Presentation - Component A		40 %	Online Group presentation (20 minutes)
Resit Components	**Final Assessment**	**Element weighting**	**Description**
Reflective Piece - Component B		60 %	Critically reflective journal 1 (2000 words)
Presentation - Component A	✓	40 %	Online Individual presentation (10 minutes)

Part 4: Teaching and Learning Methods

Learning Outcomes

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

Module Learning Outcomes	**Reference**
The links between environment, health and sustainable development	MO1
Those aspects and processes of human activity that may give rise to environmental contamination and impact on human health	MO2
The efficacy of a range of pollution prevention and control strategies/interventions	MO3
Environmental law and standards at UK and supranational level and their efficacy in combating local and trans-boundary emissions	MO4
The role of environmental health practitioners in conjunction with other agencies and stakeholders in managing environmental risk	MO5

Contact Hours

Independent Study Hours:

Independent study/self-guided study	117
Total Independent Study Hours:	117

	Scheduled Learning and Teaching Hours:	
	Face-to-face learning	33
	Total Scheduled Learning and Teaching Hours:	33
	Hours to be allocated	150
	Allocated Hours	150
Reading List	*The reading list for this module can be accessed via the following link:* https://uwe.rl.talis.com/modules/uzvskr-15-m.html	

Part 5: Contributes Towards
This module contributes towards the following programmes of study: