



MODULE SPECIFICATION

Part 1: Information			
Module Title	Health Protection		
Module Code	UZVSMQ-15-M	Level	Level 7
For implementation from	2021-22		
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 Social Sciences		
Module Type:	Project		
Pre-requisites	None		
Excluded Combinations	None		
Co-requisites	None		
Module Entry Requirements	None		
PSRB Requirements	None		

Part 2: Description
<p>Overview: The module introduces the principles of the monitoring and management of communicable diseases, and responses to environmental risks and hazards, and explores a range of issues that have material environmental impacts on population health. The module draws on a range of expertise within the field, ensuring that there is input from experienced public health professionals working in the field of communicable disease control and health protection.</p> <p>Features: Introduces key principles of infection control, surveillance, outbreak control, immunisation, and responses to environmental risks and hazards. Equips students with knowledge and understanding of epidemiology, risk factors, and prevention and control measures for key communicable diseases. Equips students with knowledge and understanding of the environmental impacts on health, and emergency planning. Prepares students for undertaking real-world health protection roles.</p> <p>Educational Aims: To teach the principles of surveillance and epidemiology to the aetiology, monitoring and</p>

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interpretation of patterns of communicable diseases.

To explore key public and environmental health protection issues relevant to UK and international contexts, addressing inequalities in exposure and outcomes.

To consider the principles of, and critique the evidence base for, the actions necessary to prevent and to control key communicable diseases, taking into account the importance of the social and political environment in the detailed implementation of such actions.

Outline Syllabus:

The syllabus typically covers the following:

Principles of infection control, surveillance, outbreak control and immunisation.

Knowledge and understanding of epidemiology, risk factors and prevention and control measures for key communicable diseases – hospital acquired infection; meningitis, tuberculosis, influenza, blood borne viruses (including HIV), food and water borne infections.

Current UK immunisation schedules and their limitations.

Critical understanding of the impact of the wider determinants of health on the distribution and course of communicable diseases, as well as the inequalities in risk exposure and outcomes.

Knowledge and understanding of key material environmental impacts on population health – physical, radiological, chemical and biological, covering specifically climate change, air quality and pollution, water quality, asbestos and radon.

Key health issues associated with poor housing.

Knowledge of current statutory and non-statutory approaches to harm prevention and reduction, including protection from occupational hazards.

Awareness of current emergency planning structures and systems.

Teaching and Learning Methods:

This module draws on a range of expertise within the field, ensuring that students are exposed to those dealing day-to-day with health protection issues. Scheduled learning includes lectures accompanied by workshops intended to apply the learning in group-based tasks. Independent learning includes hours engaged with essential reading, workshop preparation, assignment preparation and completion. All taught sessions are supplemented with online learning materials, which may include videos or podcasts. Module support is provided via email and online discussion board.

Part 3: Assessment

The assessment for this module is as follows:

Component A: 3000 word written assignment

This assessment requires students to prepare and submit an assignment in two parts. Firstly, they must develop a critical evaluation of a health protection scenario and produce a management plan or case review of the issue, drawing upon current evidence and policy. Secondly, they must develop a communication strategy of health advice, which may be in the form of a press release or policy briefing.

The purpose of the assignment is to assess students' understanding of the epidemiology, management and control of communicable diseases and environmental incidents, and their ability to apply this knowledge and understanding to "real world" scenarios, as required within a health protection role. It assesses investigative skills in sourcing published evidence and transferable advocacy and communication skills.

A series of formative activities are embedded into the taught sessions and through online learning resources to build students' confidence and skills in preparing their assignments. These include peer-to-peer group presentations and formative feedback from the module team on the coursework preparation.

First Sit Components	Final Assessment	Element weighting	Description

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Written Assignment - Component A	✓	100 %	Students produce a written assignment in two parts: development of an action plan for a health protection scenario and a communication strategy.
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Part 4: Teaching and Learning Methods																	
Learning Outcomes	<p>On successful completion of this module students will achieve the following learning outcomes:</p> <table border="1"> <thead> <tr> <th>Module Learning Outcomes</th> <th>Reference</th> </tr> </thead> <tbody> <tr> <td>Demonstrate understanding and critical insight into principles of surveillance, applied epidemiology and the aetiology, monitoring and interpretation of patterns of communicable diseases.</td> <td>MO1</td> </tr> <tr> <td>Demonstrate understanding and critical insight into public and environmental health protection issues relevant to international contexts, including understanding of how inequalities impact exposure and epidemiological outcomes.</td> <td>MO2</td> </tr> <tr> <td>Demonstrate understanding and capability to communicate evidence-based actions necessary to manage communicable diseases and environmental impacts on health, taking into account the social and political environment in the implementation of such actions.</td> <td>MO3</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Demonstrate understanding and critical insight into principles of surveillance, applied epidemiology and the aetiology, monitoring and interpretation of patterns of communicable diseases.	MO1	Demonstrate understanding and critical insight into public and environmental health protection issues relevant to international contexts, including understanding of how inequalities impact exposure and epidemiological outcomes.	MO2	Demonstrate understanding and capability to communicate evidence-based actions necessary to manage communicable diseases and environmental impacts on health, taking into account the social and political environment in the implementation of such actions.	MO3								
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Reading List	<p>The reading list for this module can be accessed via the following link:</p> <p>https://uwe.rl.talis.com/modules/uzvsmq-15-m.html</p>																

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Part 5: Contributes Towards

This module contributes towards the following programmes of study:

Public Health [May][FT][Villa][1yr] MSc 2021-22

Public Health [Jan][FT][Villa][1yr] MSc 2021-22

Public Health [Sep][FT][Frenchay][1yr] MSc 2021-22

Public Health [Sep][PT][Frenchay][2yrs] MSc 2020-21