



MODULE SPECIFICATION

Part 1: Information			
Module Title	Environmental Impact		
Module Code	UZVYB5-30-1	Level	Level 4
For implementation from	2020-21		
UWE Credit Rating	30	ECTS Credit Rating	15
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	
<p>Educational Aims: You will be introduced to concepts relating to the natural world and the dynamic processes of the hydrosphere, atmosphere, lithosphere and biosphere. The module considers how these 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 students will consider this in the context of sustainability of resources and climate change.</p> <p>Outline Syllabus: Subjects studied in the module include:</p> <p>Physical laws and phenomena such as gravity and light</p> <p>Rock formation</p> <p>Properties of soil</p> <p>The water cycle</p>	

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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.

Teaching and Learning Methods: See assessment strategy

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 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.

Component A – Interview

The interview will be based on student's experience in relation to facilities which have environmental responsibilities. You will take part in an organised visit to a large scale local facility (such as a quarry or water treatment plant) at which you will observe processes and obtain information. Following this you will take part in an individual interview in which you are expected to relate your findings to the facility's impact on the environment and the health impact on nearby communities. The visit will take place as a group, engendering a group ethos, and meets the aspiration to expose students to the industrial world. The assignment also meets several professional requirements designated by the CIEH.

Component B – Essay

The component will require you to complete an essay on 'climate change', discovering anthropogenic causes, analysing health impacts, and proposing mitigations. This allows completion of learning outcomes 2 and 3. 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, and Turnitin software will be used to detect the extent of duplicated material in the essay.

First Sit Components	Final Assessment	Element weighting	Description
Presentation - Component A		50 %	Interview (20 minutes)
Written Assignment - Component B	✓	50 %	Essay (2000 words)
Resit Components	Final Assessment	Element weighting	Description
Presentation - Component A		50 %	Interview (20 minutes)
Written Assignment - Component B	✓	50 %	Essay (2000 words)

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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 style="text-align: left;">Module Learning Outcomes</th> <th style="text-align: left;">Reference</th> </tr> </thead> <tbody> <tr> <td>Identify environmental stressors created by an industrial facility, and assess their impact on the local environment and on the health of local communities.</td> <td>MO1</td> </tr> <tr> <td>Explain how human activity impacts upon the biological and ecological systems of the natural world.</td> <td>MO2</td> </tr> <tr> <td>Examine the anthropogenic causes of climate change, and how climate change might impact on human health.</td> <td>MO3</td> </tr> </tbody> </table>	Module Learning Outcomes	Reference	Identify environmental stressors created by an industrial facility, and assess their impact on the local environment and on the health of local communities.	MO1	Explain how human activity impacts upon the biological and ecological systems of the natural world.	MO2	Examine the anthropogenic causes of climate change, and how climate change might impact on human health.	MO3								
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Reading List	<p><i>The reading list for this module can be accessed via the following link:</i></p>																

Part 5: Contributes Towards
<p>This module contributes towards the following programmes of study:</p> <p>Public and Environmental Health [Sep][FT][UCW][3yrs] BSc (Hons) 2020-21</p>