



MODULE SPECIFICATION

Part 1: Information			
Module Title	Quantitative Health Research		
Module Code	UZVSML-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:	Project		
Pre-requisites	None		
Excluded Combinations	None		
Co- requisites	None		
Module Entry requirements	None		

Part 2: Description
<p>Educational Aims: See learning outcomes.</p> <p>Outline Syllabus: History of epidemiology and our understanding of disease causation in populations. Characteristics, strengths and weaknesses of epidemiological studies. Basic statistics – descriptive and inferential. Introduction to statistical tests, including parametric and non-parametric. Controlling for bias and confounding in epidemiological studies. The concept of evidence-based policy and practice. Hierarchies of evidence. Tools and techniques in critical appraisal. The dissemination and communication of evidence. Ethical issues in the use of data.</p> <p>Teaching and Learning Methods: Scheduled learning includes lectures, seminars, groupwork and workshops.</p> <p>Independent learning includes hours engaged with essential reading, workshop preparation, assignment preparation and completion and self-directed study. Technology Enhanced Learning</p>

STUDENT AND ACADEMIC SERVICES

will supplement taught sessions, to enable all students to access essential and supplementary learning materials via Blackboard. Module support will be supplemented with an electronic discussion board (either via Blackboard or via a dedicated Blog). Podcasts / Video will be used to accompany lecture input.

There will be a total of 27 hours of contact time delivered through lectures, seminars groupwork and workshops, plus 3 hours of on-line learning.

Part 3: Assessment

A written piece of coursework (3000 words) to assess candidates' knowledge and understanding of epidemiological concepts and quantitative techniques.

This will include a structured critical appraisal of a peer-reviewed quantitative research paper, and interpretation of the statistical results (Assesses all Learning Outcomes).

The assessment details will be published in the module handbook at the start of the module.

First Sit Components	Final Assessment	Element weighting	Description
Written Assignment - Component A	✓	100 %	Written assignment (3000 words)
Resit Components	Final Assessment	Element weighting	Description
Written Assignment - Component A	✓	100 %	Written assignment (3000 words)

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
	Understand the historical basis for epidemiology in public health	MO1
	Critically analyse the strengths, limitations and issues to consider with different types of epidemiological studies	MO2
	Assess the sources of evidence routinely used as a basis for health policy and practice, including strengths and limitations	MO3
	Interpret and apply the results of basic statistical analyses, particularly inferential statistics	MO4
	Use appropriate tools to critically appraise the evidence used in public health	MO5
	Understand how evidence is used in the policy process	MO6
Contact Hours	Scheduled Learning and Teaching Hours:	
	E-learning/online learning	117
	Face-to-face learning	33

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	Total Scheduled Learning and Teaching Hours:	150
	Hours to be allocated	150
	Allocated Hours	150
Reading List	<i>The reading list for this module can be accessed via the following link:</i> https://uwe.rl.talis.com/modules/uzvsml-15-m.html	

Part 5: Contributes Towards

This module contributes towards the following programmes of study: