



Module Specification

Epidemiology of Non-Communicable Diseases

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Part 1: Information

Module title: Epidemiology of Non-Communicable Diseases

Module code: UZVSMR-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

Department: HAS Dept of Social Sciences

Partner institutions: None

Delivery locations: Frenchay Campus

Field: Health, Community and Policy Studies

Module type: Project

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: Yes

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview:

This module explores a range of issues relating to the epidemiology of non-communicable disease, with a particular focus on the wider determinants of health (including major risk factors) and areas for public health action. It takes a largely global perspective and highlights cross-cutting public health issues such as use of health data to inform action, health inequalities, ethics, the role of industry,

partnership working, and a recognition of the challenges of improving complex public health problems.

Features: Not applicable

Educational aims:

To understand the global burden of non-communicable disease epidemiology and its implications for public health

To develop critical insight into the social determinants and key risk factors for non-communicable diseases

To understand the role and significance of social, political and economic environments in shaping responses to major noncommunicable diseases

To acquire understanding and transferable skills to contribute to national and global public health responses to non-communicable diseases

Outline syllabus: The syllabus typically covers the following:

Key measures and sources of population health and disease burden, including strengths, weaknesses and other issues.

The epidemiological transition and explanations for observed trends in disease burden.

Epidemiology, risk factors and prevention and control measures for key noncommunicable diseases, disabilities and non-communicable health conditions, including but not limited to circulatory diseases, diabetes, cancers, injury, violence and domestic abuse, longstanding illness and disability and mental ill-health.

Life course approaches to health.

Inequalities in health.

The role and impact of transnational corporations and other actors on noncommunicable disease burden.

Principles of screening and current national programmes.

Critical understanding of the impact of the wider determinants of health on the distribution and course of non-communicable diseases.

Part 3: Teaching and learning methods

Teaching and learning methods:

This module draws on a range of expertise from across the Faculty and University with specialist knowledge across the field of non-communicable diseases. Scheduled learning includes lectures and workshop activities intended to apply 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.

Module Learning outcomes:

MO1 Demonstrate understanding and critical insight into the epidemiology, risk factors and burden of major non-communicable diseases within national and global contexts.

MO2 Demonstrate understanding and critical insight into how epidemiological processes are used to identify, assess and manage non-communicable diseases.

MO3 Demonstrate critical awareness and understanding of the role of social, political and economic environments in shaping public health policy and other responses to major noncommunicable diseases.

MO4 Demonstrate communication and advocacy skills in contributing to national and global public health responses to non-communicable diseases.

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 120 hours

Face-to-face learning = 30 hours

Total = 150

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link

<https://rl.talis.com/3/uwe/lists/C0ECADC7-5FB3-5330-1A56-9302D33C4F09.html?lang=en-GB>

Part 4: Assessment

Assessment strategy:

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 case study that critically examines the epidemiological processes underpinning the identification, assessment and management of a non-communicable disease. For the second part, they must write a briefing to advise a minister, senior official or government committee in relation to the non-communicable disease examined in the first part of the assignment.

The purpose of this two-part assignment is to assess knowledge and understanding of the epidemiology of non-communicable diseases, students' investigative skills in sourcing published evidence and their transferable advocacy 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 short multiple-choice quizzes, discussion of case studies and policy briefings, and exercises in interpreting epidemiological evidence.

Assessment components:

Written Assignment - Component A (First Sit)

Description: 3,000 word assignment in two parts: development of a case study and a policy briefing.

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Written Assignment - Component A (Resit)

Description: 3,000 word assignment in two parts: development of a case study and a policy briefing.

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

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][PT][Frenchay][2yrs] MSc 2021-22

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