



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: 2023-24

UWE credit rating: 15

ECTS credit rating: 7.5

Faculty: Faculty of Health & Applied Sciences

Department: HAS Dept of Social Sciences

Partner institutions: None

Field: Health, Community and Policy Studies

Module type: Module

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 College 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: On successful completion of this module students will achieve the following 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 = 114 hours

Face-to-face learning = 36 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: Assessment is by means of a 1 hour 15-minute in-class test and a 1,000-word written piece of coursework assignment, to assess candidates on their knowledge and understanding relating to the epidemiology of non-communicable disease, including determinants, response and measurement.

The in-class test will include short answer questions and interpretation of epidemiological data and will contribute to 60% of the overall mark.

The 1,000-word coursework will be an advocacy letter that will ask candidates to choose a non-communicable disease / health topic of their choice, and to write correspondence to an influential policy maker or politician. In the correspondence, they would be expected to critically assess the effectiveness and advocacy for specific interventions to tackle the non-communicable disease or health issue. The candidates will be advised to write in a professional, persuasive manner, utilising their knowledge, skills and experience relating to the topic of choice. This component will contribute to 40% of the overall mark.

There will be several formative exercises during the taught sessions that will not be scored but will enhance students' confidence to achieve the intended learning outcomes. The formative assessments will include short quizzes and structured critical appraisals.

Assessment tasks:

In-class test (First Sit)

Description: Short answer questions and interpretation of epidemiological data

Weighting: 60 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Written Assignment (First Sit)

Description: 1,000 word essay

Weighting: 40 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO3, MO4

In-class test (Resit)

Description: Short answer questions and interpretation of epidemiological data

Weighting: 60 %

Final assessment: No

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Written Assignment (Resit)

Description: 1,000 word essay

Weighting: 40 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO2, MO3, MO4

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Public Health [Frenchay] MSc 2023-24

Public Health [Frenchay] MSc 2023-24

Public Health {JEP}[Hainan] MSc 2022-23