



## **Module Specification**

### **Introduction to Evidence-Based Population Health**

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## Part 1: Information

**Module title:** Introduction to Evidence-Based Population Health

**Module code:** UZVYEN-30-1

**Level:** Level 4

**For implementation from:** 2021-22

**UWE credit rating:** 30

**ECTS credit rating:** 15

**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:** Standard

**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 introduces students to a range of issues and concepts relating to evidence-based population health. This includes how health and disease is measured in populations through the study of epidemiology, the history of evidence-based population health, how evidence is generated through epidemiological and other research, and how evidence is appraised. The knowledge

and skills developed in this module are further developed in the Level 5 module Advanced Evidenced Based Population Health.

**Features:** Not applicable

**Educational aims:** To introduce students to the concepts and issues associated with evidence-based population health.

To explore the strengths, weaknesses and uses of various forms of data, study designs and evidence in a population health context.

To consider ethical and other issues relating to the collection, interpretation, dissemination and use of public health information.

**Outline syllabus:** The outline syllabus typically includes:

The concept of evidence based policy and practice (the role of evidence in the policy process; the concept of a public health policy intervention and use of evidence)

Introduction to epidemiology and research in population health

Investigating determinants of disease and assessing causality

Measures of health and disease and sources of public/population health data

Epidemiological research methods

Concepts and measures of risk

Essential statistics

Controlling for confounding and bias

Qualitative research methods

Mixed-methods approaches

Evaluation of public health interventions

Ethical issues surrounding the collection, interpretation, dissemination and use of public health information

### **Part 3: Teaching and learning methods**

**Teaching and learning methods:** Scheduled learning includes lectures, seminars, group work and workshops. The teaching draws upon academic expertise from across the programme team and seeks to build knowledge and understanding through didactic and group-based active learning workshops. These interactive

sessions are designed to support students in clarifying and reinforcing their knowledge and understanding, in interpreting published evidence. Independent learning includes guided essential reading, workshop preparation, online tests and assignment preparation and completion. All timetabled teaching is supplemented with online learning materials, including recorded lectures, instructional videos and podcasts.

**Module Learning outcomes:**

**MO1** Discuss the use of evidence in the formation of public health policy and practice.

**MO2** Identify and retrieve different sources and types of evidence and data used in population health and recognise their strengths and limitations.

**MO3** Describe how to analyse and interpret the data generated when tracing patterns of disease and ill health, and how this data is reported for communities and populations (e.g.: incidence and prevalence).

**MO4** Recognise the importance of evaluation, audit and quality assurance in population health, including how it contributes to the evidence base and key public health messages and advice.

**Hours to be allocated:** 300

**Contact hours:**

Independent study/self-guided study = 228 hours

Face-to-face learning = 72 hours

Total = 300

**Reading list:** The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/index.html) via the following link <https://uwe.rl.talis.com/index.html>

**Part 4: Assessment**

**Assessment strategy:** Component A: 30 minute oral assessment consisting of presentation (15 minutes) and discussion with questions (15 minutes)

The presentation will assess knowledge and understanding across the breadth of evidence based population health. Following the presentation, students will also have a discussion of 15 minutes with questioning about the presentation and across the topics of the module.

The purpose of the presentation and discussion is to enable students' knowledge and understanding to be assessed across a wide range of concepts and topics at an introductory level.

Formative assessment during the module includes online quizzes and seminar activities focussed on understanding key concepts introduced in lectures. Students will also practice presentations to develop their presentation skills.

**Assessment components:**

**Presentation - Component A (First Sit)**

Description: 30 minute oral assessment consisting of presentation (15 minutes) and discussion with questions (15 minutes)

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

**Presentation - Component A (Resit)**

Description: 30 minute oral assessment consisting of presentation (15 minutes) and discussion with questions (15 minutes)

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 {Apprenticeship-UWE} [Sep][FT][Frenchay][3yrs] BSc (Hons) 2021-22