MH902-20 Disease Prevention and Health Protection

26/27

Department
Warwick Medical School
Level
Taught Postgraduate Level
Module leader
Saran Shantikumar
Credit value
20
Module duration
9 weeks
Assessment
100% coursework
Study location
University of Warwick main campus, Coventry

Description

Introductory description

This five day module covers two core areas of public health - health protection. and disease prevention. Drawing on a range of expertise from external educators, the module explore how we protect people from chronic disease, infection, and environmental hazards, as well as how to manage infectious and non-infectious hazards to health.

Module web page

Module aims

The module aims to give students a comprehensive knowledge and critical understanding of the practice of public health covering disease prevention and health protection.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

Disease Prevention
-Prevention of disease
-Screening programmes and test performance
-Gene and environment interactions-applications in screening
-Vaccine preventable diseases
Environment and Health
-Environmental exposure and health
-Chemical and environment
-Housing and health
-Health impact assessment
-Climate change, health and sustainability
Communicable Disease
-Surveillance
-TB
-Emergency Planning
-Influenza
-Microbiology and antimicrobial resistance
-Infection control in the hospital and hospital acquired infections
-Gastrointestinal infections
-Outbreak management
-Sexual health
-International aspects of communicable disease control

Learning outcomes

By the end of the module, students should be able to:

- 1. Demonstrate a comprehensive knowledge and critical understanding of methods in practice of public health including disease prevention, specifically vaccination and screening.
- 2. Demonstrate a systematic critique of the national and international context and current issues of public health and health care policy.
- 3. Demonstrate a comprehensive knowledge and critical understanding of key health protection topics (the environment and health and communicable disease control).
- 4. Be able to prepare public health protocols and policy documents.
- 5. Be able to outline the approach to communicable disease control.

Indicative reading list

Reading lists can be found in Talis

Subject specific skills

Sound understanding of subject
Critically evaluate
Reflection

Transferable skills

Numeracy
Thinking and problem solving
written communication
oral communication
Teamwork
Organisation & time management
Use of tools and technology
Commercial awareness
Independence and initiative
Adaptability/Flexibility

Study

Study time

Type	Required
Lectures	24 sessions of 1 hour (12%)
Practical classes	6 sessions of 1 hour (3%)
Private study	150 hours (75%)
Assessment	20 hours (10%)
Total	200 hours

Private study description

150 hours of self-directed learning. The final 20 hours is the estimated time students should allocate to completing the assignment

Costs

No further costs have been identified for this module.

Assessment

You do not need to pass all assessment components to pass the module.

Students can register for this module without taking any assessment.

Assessment group A3

	Weighting	Study time	Eligible for self-certification
Assessment component			
Written Assignments	50%	10 hours	Yes (extension)

Written assignment in 2 parts, both weighted 50%. In addition to the overall 50% pass mark, both parts must achieve a minimum mark of 45%.
Part 1: Briefing paper relating to disease prevention content (2000 words). Part 2: An essay relating to the health protection content (2000 words).

Reassessment component is the same

Assessment component

Written Assignments 50% 10 hours Yes (extension)

Written assignment in 2 parts, both weighted 50%. In addition to the overall 50% pass mark, both parts must achieve a minimum mark of 45%.
Part 1: Briefing paper relating to disease prevention content (2000 words). Part 2: An essay relating to the health protection content (2000 words).

Reassessment component is the same

Feedback on assessment

Written feedback with face-to-face feedback with tutor available to students

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Availability

Courses

This module is Core for:

- TMDS-B9C2 Postgraduate Taught Health Research
  - Year 1 of B902 Public Health
  - Year 1 of B902 Public Health
- Year 1 of TMHS-B922 Practice of Public Health
- TMHS-B902 Public Health
  - Year 1 of B902 Public Health
  - Year 1 of B902 Public Health