

Module Information

2022.01, Approved

Summary Information

Module Code	7501PUBUNI
Formal Module Title	Public Health Epidemiology, Intelligence and Health Protection
Owning School	Public Health Institute
Career	Postgraduate Taught
Credits	20
Academic level	FHEQ Level 7
Grading Schema	50

Teaching Responsibility

LJMU Schools involved in Delivery
LJMU Partner Taught

Partner Teaching Institution

Institution Name
Unicaf

Learning Methods

Learning Method Type	Hours
Online	20

Module Offering(s)

Display Name	Location	Start Month	Duration Number Duration Unit
JAN-PAR	PAR	January	28 Weeks

Aims and Outcomes

Aims	This module will provide students with: The underpinning knowledge and skills required to apply epidemiological and population based public health intelligence to health risks and the health protection measures aimed at reducing them.
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After completing the module the student should be able to:

Learning Outcomes

Code	Number	Description
MLO1	1	Critically appraise the core epidemiological concepts and key study designs
MLO2	2	Critically examine the role of public health surveillance and the limitations of monitoring data
MLO3	3	Critically analyse communicable and non-communicable risk factors which impact on population health.
MLO4	4	Critically assess the effectiveness of policy and responses for the protection of the public's health, including roles and responsibilities of key organisations.

Module Content

Outline Syllabus	- Epidemiological measures: incidence, prevalence, risk/odds ratios, standardised rates/impact of population structure, R0- Epidemiological concepts- Epidemiological study designs- Screening and immunisation- Monitoring & intelligence- Key health protection controls for communicable and environmental hazards - Risk and risk communication
Module Overview	
Additional Information	Epidemiology, Health Intelligence and Health Protection are core public health disciplines that share some key approaches and methods. Epidemiological and health surveillance methods provide essential data which are used to determine suitable health protection strategies. This module will explore these 3 key areas and the relationships between them and provides students with an advanced introduction to epidemiology and population based public health intelligence and the key health protection measures used to protect population health and roles and responsibilities of key organisations.

Assessments

Assignment Category	Assessment Name	Weight	Exam/Test Length (hours)	Module Learning Outcome Mapping
Practice	Annotated Power Point	40	0	MLO2, MLO3, MLO4
Essay	Essay 3000 words	60	0	MLO1, MLO2, MLO3

Module Contacts

Module Leader

Contact Name	Applies to all offerings	Offerings
Vivian Hope	Yes	N/A

Partner Module Team

Contact Name	Applies to all offerings	Offerings
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