

Liverpool John Moores University

Title: EPIDEMIOLOGY
Status: Definitive
Code: **7013PHEALT** (106941)
Version Start Date: 01-08-2014

Owning School/Faculty: Centre for Public Health
Teaching School/Faculty: Centre for Public Health

Team	Leader
Ivan Gee	Y

Academic Level: FHEQ7 **Credit Value:** 15.00 **Total Delivered Hours:** 24.00
Total Learning Hours: 150 **Private Study:** 126

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	24.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Epi Report	Coursework: 2500 word Illustrated Health Needs Assessment	100.0	

Aims

This module aims to provide participants with the ability to critically evaluate epidemiological and other evidence in order to examine the health status, health determinants and health needs of population groups.

Learning Outcomes

After completing the module the student should be able to:

- 1 Monitor and critically evaluate population health status and health determinants based on thorough understanding of epidemiological principles and systematic health surveillance.
- 2 Analyse and synthesise data on populations in specific geographical areas to determine their health needs.
- 3 Utilise the principles of Health Impact Assessment to evaluate policies and strategies to protect and improve population health.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Public Health 1 2 3
Epidemiology Rep

Outline Syllabus

This includes: concept and tools of epidemiology and measurement; overview of epidemiological studies; establishing causation; prevention and risk; Health needs assessment; health impact assessment; epidemiological surveillance; communicable and non communicable disease threats.

Learning Activities

Learning will take place through formal and informl sessions involving lectures, seminars, group work, class discussions and directed reading.

References

Course Material	Book
Author	Stevens, A; Raftery, J; Mant, J; Simpson, S
Publishing Year	2004
Title	Health Care Needs Assessment
Subtitle	The epidemiologically based needs assessment reviews
Edition	2nd
Publisher	Radcliff Oxford
ISBN	

Course Material	Book
Author	Scott, I; Mazhindu, D
Publishing Year	2005
Title	Statistics for Health care Professionals
Subtitle	An Introduction
Edition	
Publisher	Sage London
ISBN	

Course Material	Book
Author	Webb, P; Bain, C; Pirozzo, S
Publishing Year	2005
Title	Essential Epidemiology
Subtitle	An Introduction for students and professionals
Edition	
Publisher	Cambridge university press
ISBN	

Course Material	Book
Author	Friis, R and Sellers, T
Publishing Year	2009
Title	Epidemiology for Public Health Practice
Subtitle	
Edition	4th edition
Publisher	Jones and Bartlett publications
ISBN	

Course Material	Book
Author	Goldacre, B
Publishing Year	2009
Title	Bad Science
Subtitle	
Edition	
Publisher	Science 4th Estate
ISBN	

Notes

This module examines the basic principles and tools of epidemiology and disease surveillance. These principles are then applied to health needs assessment and health impact assessment and their role in protecting and improving population health.