

Liverpool John Moores University

Title: DISEASE DETECTIVES
Status: Definitive
Code: **7007SKPUBH** (113043)
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:** 25.00
Total Learning Hours: 150 **Private Study:** 125

Delivery Options

Course typically offered: Standard Year Long

Component	Contact Hours
Lecture	18.000
Seminar	7.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Illustrated Health Needs Assessment (2000 words)	100.0	

Aims

This module aims to provide participants with the ability to develop quality and risk within an evaluative culture and apply key epidemiological principles and methods to their research and their work.

Learning Outcomes

After completing the module the student should be able to:

- 1 Plan, monitor and critically evaluate strategies and programmes for protecting and improving the health of the population.
- 2 Plan, monitor and critically evaluate disease prevention and screening programmes.
- 3 Assess and critically evaluate risks to the population's health.
- 4 Critically assess the impact of policies on health and well-being.

Learning Outcomes of Assessments

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

Assessment	1	2	3	4
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Outline Syllabus

Review of cohort, case control studies and randomised controlled trials in relation to risk. Bradford Hill criteria, concepts of risk, health needs assessment, health impact assessment, health protection, emergency planning, correlation and regression, including multiple regression, high risk and population approaches to health promotion, concepts of screening and criteria for evaluation of screening programmes.

Learning Activities

Interactive lectures, seminars and presentations, self assessment exercises, group work, 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	Second Edition
Publisher	Radcliffe, Oxford
ISBN	1-85775-891-9

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	0-7619-7476-8

Course Material	Book
Author	Hennekens, CH: Buring, JE
Publishing Year	1987
Title	Epidemiology in Medicine
Subtitle	
Edition	
Publisher	Little Brown, Boston
ISBN	0-316-35636-0

Notes

As the title implies, this module tackles the more exciting aspects of modern epidemiology. Many of the modern methods for measuring and understanding health and illness are explored.