Liverpool John Moores University

Title: Surveillance and Public Health Intelligence
Status: Definitive
Code: **5009PUBHEA**   (124908)
Version Start Date: 01-08-2021

Owning School/Faculty: Public Health Institute
Teaching School/Faculty: Public Health Institute

Team	Leader
Ivan Gee	Y
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Academic Level:	FHEQ5	**Credit Value:**	20	**Total Delivered Hours:**	48
Total Learning Hours:	200	**Private Study:**	152		

Delivery Options
Course typically offered: Semester 2

Component	Contact Hours
Lecture	24
Practical	20
Workshop	4

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Short rpt	Group short report on a surveillance system; 2500 words	50	
Report	Report	Illustrated report including data analysis of a public health issue; 1500 words	50	

Aims

This module aims to equip students with an introduction to the core public health areas of surveillance of population health and wellbeing and public health intelligence. Students will learn to access, analyse, display and interpret public

health information.

Learning Outcomes

After completing the module the student should be able to:

1. Identify the main components of a successful surveillance system
2. Analyse and interpret routine data on health and wellbeing and needs using basic analytical techniques
3. Present data and the results of simple analysis for a variety of audiences using suitable statistical and graphical tools

Learning Outcomes of Assessments

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

Group short report   1

Illustrated report   2   3

Outline Syllabus

Surveillance systems for diseases and behaviours
Evaluation, law and ethics of surveillance systems
Health needs assessment
Data analysis and presentation

Learning Activities

Mixture of lectures, class-based practicals, PC-lab practicals, group work, presentations. Online resources and discussion boards will also be used.

Notes

Surveillance systems for communicable disease, vaccination programmes, non-communicable diseases, behaviours in both developed and developing countries will be considered.
Alongside this students will learn the analytical techniques to inform public health intelligence including standardisation, mapping, trend analysis and presentation.