

Liverpool John Moores University

Title: Epidemiology
Status: Definitive
Code: **7001PUBHEA** (123868)
Version Start Date: 01-08-2020

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

Team	Leader
Ivan Gee	Y

Academic Level: FHEQ7 **Credit Value:** 20 **Total Delivered Hours:** 40
Total Learning Hours: 200 **Private Study:** 160

Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	33
Online	7

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	Methods E.	Essay 1500 Words	40	
Report	Surv. Rp.	Illustrated Surveillance Report 2500 words	60	

Aims

This module aims to provide participants with an understanding of epidemiological methods and 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 Assess the suitability of epidemiological study designs for determining the factor(s) influencing a public health problem.
- 2 Monitor and critically evaluate population health status based on a thorough understanding of epidemiological principles and systematic health surveillance.
- 3 Analyse and synthesise data on populations in specific geographical areas to determine their health needs and assess health inequalities.

Learning Outcomes of Assessments

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

Methods Essay	1	
Surveillance Report	2	3

Outline Syllabus

This includes: population demographics, concepts and tools of epidemiology and measurement; overview of epidemiological study designs; establishing causation; epidemiological surveillance; evaluation of communicable and non communicable disease threats; evaluation of health inequalities; health needs assessment; epidemiology and health policy.

The module will provide examples of local, national and international epidemiological studies

The online component of this course will: explore population demographics, measures of health status e.g. standardised rates and presentation of epidemiological information.

Learning Activities

Learning will take place through formal and informal sessions involving lectures, seminars, group work, class discussions and directed reading. There will also be regular use of online discussion boards and self directed study supported by extensive online materials.

Notes

This module examines the basic principles and tools of epidemiology and disease surveillance. These principles are then applied to and understanding of communicable and non-communicable diseases and assessment of health inequalities through tools such as health needs assessment and their role in protecting and improving population health.

Information for Stand Alone/CPD Students

Mode and Duration: This module is delivered through classroom and online methods. There is 33 hours of lectures and 7 hours of online Blackboard activity. The module runs for 12 weeks.

Benchmarks: The programme aligns to Public Health Training Curriculum (2010), Public Health Skills and Knowledge Framework (2013) and Public Health Outcomes Framework (2016) subject benchmarks and to level 7 descriptors of QAA Framework for higher education qualifications in England, Wales and Northern Ireland.

The Programme is assessed and runs in line with the Academic Framework <https://www.ljmu.ac.uk/about-us/public-information/academic-quality-and-regulations/academic-framework>

The programme includes Annual Monitoring and External Examining with student feedback under Quality Measures

The CPD is offered as a standalone award and as a module within MSc Public Health, MSc Public Health (Addictions) and MSc International Public Health

The approved intake month is January and the CPD programme code is 35508 (Self Funding) and 35627 (CPD Apply SHA).

Admission criteria 'Any participant who does not have a first degree must satisfy the programme team of their ability to study at Master's level through presentation of a strong portfolio to demonstrate appropriate equivalent skills in the work place. For these applicants, individual assessments of their suitability for post graduate level study will be arranged and conducted by the programme team. The team may require evidence to be submitted as part of the assessment process e.g. a portfolio of written and other work; papers presented at conferences, publications; reports and research proposals

Student Support: as a student of Liverpool JMU you will be entitled to the same support as any other student in the university (Please refer to the Student Handbook for further information)