

Liverpool John Moores University

Title: Health Epidemiology
Status: Definitive
Code: **6105SSLN** (123116)
Version Start Date: 01-08-2021

Owning School/Faculty: Sports Studies, Leisure and Nutrition
Teaching School/Faculty: Sports Studies, Leisure and Nutrition

Team	Leader
Lucinda Richardson	Y
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Academic Level: FHEQ6 **Credit Value:** 20 **Total Delivered Hours:** 40
Total Learning Hours: 200 **Private Study:** 160

Delivery Options

Course typically offered: Semester 1

Component	Contact Hours
Lecture	20
Workshop	20

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Essay	AS1	Essay (4,500 words)	100	

Aims

This module aims to develop an understanding and basic skill in epidemiological methods as applied to nutrition and public health in a national and international setting, in particular in the areas of epidemiological concepts, measures, research designs and interpretation.

Learning Outcomes

After completing the module the student should be able to:

- 1 Critically evaluate patterns, causes, and effects of health and disease conditions in defined populations
- 2 Critically discuss how epidemiology informs public health and help shape policy decisions and evidence-based practice
- 3 Critically evaluate recent health policy and recommendations

Learning Outcomes of Assessments

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

Essay	1	2	3
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Outline Syllabus

This module will provide an introduction to epidemiology, it will cover key epidemiological concepts; measures of disease; association and causation; confounding and bias. It will also introduce health and nutritional surveillance, discuss types of evidence, methodologies, research designs including; cross-sectional, cohort, case-control and intervention studies and introduce population health measures such as screening; all from a national and international perspective. Translate scientific findings to policy and recommendations.

Learning Activities

The module will be delivered by means of lectures and workshops. Students will participate in group discussions based around material presented in the lectures using prescribed reading and case studies.

Notes

Health epidemiology is an essential module for understanding the patterns of causation, measurements and interpretation of disease nationally and internationally.