

Liverpool John Moores University

Title: PHI 2: ANALYSING PUBLIC HEALTH INEQUALITIES
Status: Definitive
Code: **7007PHEALT** (106935)
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 2

Component	Contact Hours
Lecture	10.000
Practical	14.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Project	Project report examining health inequalities in a defined region and population	70.0	
Presentation	Present		30.0	

Aims

To develop participants detailed understanding of public health indicators and health inequalities.

To allow participants to develop the skills to analyse inequalities in health indicators and present these appropriately in the context of public health needs.

Learning Outcomes

After completing the module the student should be able to:

- 1 Calculate appropriate health indicators (directly and indirectly standardised rates, life expectancies) for a range of public health data.
- 2 Develop proficiency in the operation, management and analysis of health and social indicators.
- 3 Critically discuss the implications for public health of differences in health indicators between different populations.
- 4 Communicate population health intelligence in effective ways

Learning Outcomes of Assessments

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

Project report on inequalities	1	2	3
Presentation of PHI data	2	3	4

Outline Syllabus

Calculation of common public health indicators including directly and indirectly standardized rate, life expectancies and deprivation scores. Use and interpretation of indicators for purposes such as: Health Needs Assessment, Health Impact Assessment, Health Equity Audit and World Class Commissioning. Report writing for public health intelligence. Calculation and presentation of measures of uncertainty including: confidence intervals and funnel plots.

Learning Activities

Interactive lectures and seminars. Computer laboratory work

References

Course Material	Book
Author	APHO
Publishing Year	2009
Title	JSNA The resource pack
Subtitle	http://www.apho.org.uk/resource/view.aspx?RID=53885
Edition	
Publisher	APHO
ISBN	

Course Material	Book
Author	APHO
Publishing Year	2009
Title	The HIA Gateway

Subtitle	http://www.apho.org.uk/default.aspx?RID=40141
Edition	
Publisher	APHO
ISBN	

Course Material	Book
Author	APHO
Publishing Year	2008
Title	Technical Briefing 2
Subtitle	Statistical process control methods in public health intelligence
Edition	
Publisher	APHO
ISBN	

Course Material	Book
Author	APHO
Publishing Year	2008
Title	Technical Briefing 3
Subtitle	Commonly Used Public Health Statistics and their Confidence Intervals
Edition	
Publisher	APHO
ISBN	

Course Material	Book
Author	Carr-Hill & Dixon
Publishing Year	2005
Title	The Public Health Observatory Handbook of Health Inequalities Measurement
Subtitle	
Edition	
Publisher	APHO
ISBN	

Course Material	Book
Author	DoH
Publishing Year	2009
Title	Health Knowledge
Subtitle	http://www.healthknowledge.org.uk/
Edition	
Publisher	DoH
ISBN	

Course Material	Book
Author	DoH
Publishing Year	2003

Title	Health Equity Audit: a guide for the NHS
Subtitle	http://www.dh.gov.uk/prod_consum_dh/groups/dh_digitalassets/@dh/@en/documents/digitalasset/dh4084139.pdf
Edition	
Publisher	DoH
ISBN	

Course Material	Book
Author	Gillam et al
Publishing Year	2007
Title	Essential Public Health Theory and Practice
Subtitle	
Edition	
Publisher	Cambridge University Press
ISBN	

Course Material	Book
Author	Rogers et al
Publishing Year	2009
Title	Joint Strategic Needs Assessment North West Regional Review
Subtitle	
Edition	
Publisher	NWPHO
ISBN	

Notes

The module will equip participants with the skills to produce detailed assessments of health inequalities and meaningfully compare different population groups. This will allow participants to produce analysis and reports suitable for typical health assessment and surveillance purposes such as health need assessment (HNA), health equity audit (HEA), and world class commissioning (WCC).