

## Liverpool John Moores University

Title: HEALTH PROTECTION  
Status: Definitive  
Code: **7011PHEALT** (106939)  
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	18.000
Seminar	6.000

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Presentation	Grp Pres	Group poster presentation	30.0	
Report	Ind Rep	Written report (2500) words	70.0	

### Aims

*This module aims to provide students with an understanding of the role of public health practitioners in the management of infectious and non-infectious environmental hazards.*

### Learning Outcomes

After completing the module the student should be able to:

- 1 Critically analyse environmental risk factors which impact on public health
- 2 Critically discuss the roles and responsibilities of the various organizations that have a responsibility for health protection
- 3 Critically assess the range and application of policies, legislation and interventions for the protection health.

## Learning Outcomes of Assessments

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

Group Presentation	1		
Individual report	1	2	3

## Outline Syllabus

*Overview of Health Protection legislation, policy and services. Principles of risk assessment, perception and communication. Introduction to non-infectious environmental hazards, including contaminated land, air pollution and waste management, the use of the source - pathway - receptor model Principles of communicable disease surveillance and control, examples of the cause, effect (social and physical) and control of significant food and water borne infections, sexually transmitted infections, meningitis and tuberculosis. Local and regional arrangements for health emergency planning. The public health response to bio-terrorism and other threats.*

## Learning Activities

Interactive lectures, guided readings, student led discussions and workshops

## References

<b>Course Material</b>	Book
<b>Author</b>	Stewart J. and Cornish Y.
<b>Publishing Year</b>	2009
<b>Title</b>	Professional Practice in Public Health
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	Reflective Press
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Bennett and Calman
<b>Publishing Year</b>	1999
<b>Title</b>	'Risk Communication and Public Health'

<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	Oxford University Press
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Chief Medical Officer
<b>Publishing Year</b>	2001
<b>Title</b>	'Getting Ahead of the Curve :A strategy for combating infectious disease'
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	Dept of Health
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Fairman, R., Murray, V., Kirkwood, A. & Saunders, P
<b>Publishing Year</b>	2001
<b>Title</b>	'Chemical Incident Management for Local Authority Environmental Health Practitioners'
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	HMSO
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Hawker J, Begg N, Blair I, Reintjes, Weinberg J
<b>Publishing Year</b>	2004
<b>Title</b>	'Communicable Disease Control Handbook'
<b>Subtitle</b>	
<b>Edition</b>	2nd
<b>Publisher</b>	Blackwell Science
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Medical Toxicology Unit Guys and St Thomas' Hospital
<b>Publishing Year</b>	1999
<b>Title</b>	'Chemical Incident Management for Public Health Physicians'
<b>Subtitle</b>	Chemical Incident Management Series
<b>Edition</b>	
<b>Publisher</b>	HMSO
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	WHO Regional Office for Europe
<b>Publishing Year</b>	1997

<b>Title</b>	'Assessing the Health Consequences of Major Chemical Incidents :Epidemiological Approaches :European Series No 79'
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	World Health Organisation
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Cabinet Office
<b>Publishing Year</b>	2005
<b>Title</b>	'Civil contingenciesAct 2004 Guidance: Emergency Preparedness, Emergency Response and Recovery
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	UK Resilience
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Buncefield Major Incident Investigation Board
<b>Publishing Year</b>	2007
<b>Title</b>	'Recommendationson the emergency preparedness for, response to and recovery from incidents'
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	The Stationery Office
<b>ISBN</b>	

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## Notes

In this module the components and structure of health protection activity are examined. The risks to public health from both communicable and non-infectious environmental hazards are explored in detail. The infrastructure of health emergency planning is critically analysed.

The assessment requires students,in groups, to produce a poster on a topic reflecting health protection.

The written report allows students to select a topic which illustrates how effective health protection measures influence the well-being of society.