

Liverpool John Moores University

Title: HAZARDS AND RISKS
Status: Definitive
Code: **5009UGPUBH** (113073)
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: FHEQ5
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
Essay	AS1	Written assignment of 3000 words	100.0	

Aims

This module aims to provide students with a comprehensive understanding of hazards and risks within Environmental Public Health.

Learning Outcomes

After completing the module the student should be able to:

- 1 Identify, assess and independently analyse a range of stressors that can impact upon the environment and human health.
- 2 Illustrate the impact of stressors on the habitat in terms of public health implications
- 3 Identify suitable intervention points for each stressor and develop strategies to reduce its impact on the environment and health
- 4 Effectively communicate information about hazards and risk.

Learning Outcomes of Assessments

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

essay 1 2 3 4

Outline Syllabus

Introduction to the underlying principles of hazards and risks, the range of biological, chemical, physical social and psychological stressors that may act upon the physical, social and human worlds. The quantification, assessment and management of hazards and risks within areas of Environmental Public Health. Students will learn how to employ and effectively manage interventions to reduce or eliminate hazards and risk, including appraisal of their effectiveness. Government policies and statutory instruments involving hazards and risks, including an understanding of their impacts on the environment and human health.

Communication of risk to the public and professionals

Learning Activities

Interactive lectures, presentations and seminars will be used to develop students' knowledge and understanding of hazards and risk. Student led discussions and presentations will be used to explore module topics and to facilitate the sharing of ideas and knowledge. The written assignment will be used to further develop the application of knowledge gained from the study of the module. Blackboard and video will be used.

References

Course Material	Book
Author	Dept of Health
Publishing Year	2001
Title	Getting Ahead of the Curve. A Strategy for Combating Infectious Diseases. A report of the Chief Medical Officer.
Subtitle	
Edition	
Publisher	The Stationery Office, London
ISBN	

Course Material	Book
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Author	Lundgren R.E,
Publishing Year	1994
Title	Risk Communication. A handbook for Communicating Environmental, Safety and Health Risks
Subtitle	
Edition	
Publisher	Battelle Press
ISBN	

Course Material	Book
Author	Bennett and Calman
Publishing Year	1999
Title	Risk Communication and Public Health
Subtitle	
Edition	
Publisher	Oxford Univ. Press
ISBN	

Notes

Hazard and risk identification, assessment, management and communication are important components for Environmental Health Practitioners. In this module the components and application of hazards and risk identification and control are examined. The risks to environmental public health from a range of potential sources are explored in detail, accompanied by the role of Environmental Health Practitioners in identifying, quantifying and controlling these hazards and risks.