

RDEV40200 Public Health (Medicine)

10.10.2016- 28.10.2016

5 ECTS

Module Coordinator: Niall Roche

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Lecturers: Niall Roche, Mary Corbett, Sarah Robinson, Dr Enida Friel

MODULE OVERVIEW & LEARNING OUTCOMES

Overall Objective: At the end of this module students will be able to manage public health interventions required to address excess and avoidable morbidity (disease), mortality (deaths) and to promote health.

Learning Outcomes

- Has a comprehensive understanding of public health in different emergency contexts.
- Has demonstrated the ability to integrate a public health response into the often complex social and cultural environment of those affected by humanitarian principles.
- Has demonstrated to possess the fundamental skills to plan and implement health interventions in emergencies regarding food security, water and environmental health, communicable diseases, psycho-social/psychological issues, health care services and health information systems.
- Has demonstrated the necessary skills for communicating public health situations and conclusions, to specialist and non-specialist audiences.
- Has a clear understanding of personal health and safety risks in disasters
- Has developed a capacity to cope with personal health and security issues

MODULE DELIVERY

Module will be delivered with the help of lectures, plenary discussions, group work and the use of videos

ASSESSMENT

Details of the assignments and exams are provided below. **All submissions must be made via NOHA Blackboard.**

1. **Project (50%):** Please see handout for details. The deadline for submission is 24th October 2016.
2. **End-of Module Exam (50%):** There will be a 2 hour exam on 28th October 2016. Further details about the exam will be provided during the module.
3. **Resits and Remediation:**
<http://www.ucd.ie/registry/academicsecretariat/asug/remediationoffailedmodules/>

LECTURE SCHEDULE & LESSON PLAN

Introduction to Public Health and Humanitarian Assistance

Date:	Venue: L249	Time 10am-	Lecturer(s)	Email
10.10.2016	Sutherland	1pm	Niall Roche	roche.niall@gmail.com

Description:

- Learning Outcomes
 - To gain an understanding of “Emergencies” including phases and scenarios
 - To gain a brief understanding of health and the determinants of health
 - To gain an understanding of the key public health priorities in emergencies

Readings:

- NOHA Textbook (draft- not for circulation)
- Refugee Health, An approach to Emergency Situations, MSF, 1997 – should be available in the library.

Health Assessment, Health Systems and Water Supply

Date 11.10.2016	Venue 232 ALE	Time 10am-	Lecturer(s)	Email
	Science North	1pm	Niall Roche	roche.niall@gmail.com

Description:

- Learning Outcomes
 - To gain an understanding of how to conduct a multi-sectoral health assessment
 - To gain an understanding of health systems and key building blocks of effective health systems
 - To gain a broad understanding of Environmental Health and WaSH in humanitarian action
 - To know the key steps in providing safe water to affected populations.

Readings:

- Health Cluster Guide - http://whqlibdoc.who.int/hq/2009/WHO_HAC_MAN_2009.7_eng.pdf?ua=1
- Davis, Jan and Lambert, Robert Engineering in Emergencies, A practical guide for relief workers, – RedR/IT, 2nd Edition 2002
- The Sphere Project, Humanitarian Charter and Minimum Standards in Disaster Response, Oxfam Publishing 2011
- UNICEF’s Global WaSH Cluster website

Shelter, Settlement Planning, Excreta and Waste Management

Date 12.10.2016	Venue G07	Time 10am-	Lecturer(s) Niall	Email:
		1pm	Roche	roche.niall@gmail.com

Description:

- Learning Outcomes
 - To understand the fundamentals of site selection, site planning and shelter as cornerstones of protecting public health during displacement
 - To be aware of public health risks associated with excreta and strategies for dealing with excreta in humanitarian contexts
 - To be aware of the types of wastes produced in disasters, the ways of dealing with such waste and making decisions on taking the right options.

Readings:

- UNHCR Emergency Handbook

- Harvey, Peter Baghri, Sohrab and Reed, Bob Emergency Sanitation, Assessment and Programme Design, WEDC, 2002
- Harvey, Peter, Excreta Disposal in Emergencies, A field manual, WEDC, 2007

Food and Nutrition Security

Date 12.10.2016 Venue G01 Time: 2pm-5pm Lecturer(s) Email
 Mary Corbett

Description:

- Learning Outcomes
 - To gain an understanding of the role played by Food and Nutrition Security in the protection of public health and the causes of malnutrition
 - To gain an understanding of the components of food security and potential interventions as part of a disaster response.

Readings:

- Lancet Series of Articles 2008 and 2013
- Food Security and Nutrition Global Cluster websites

Vaccines, Essential Drugs, Reproductive Health and Communicable Disease Control

Date 13.10.2016 Venue Ag1.18 Time 11am-1pm Lecturer(s) Email
 Dr. Enida Friel

Description:

- Learning Outcomes
 - To gain an understanding of the role played by vaccines and essential drugs in public health and specific to humanitarian action
 - To understand the steps required to organise a vaccination programme and the factors that influence the contents of drugs lists
 - To understand the types of reproductive health services required and how to deliver a minimum initial service package
 - To understand the key steps involved in the prevention and control of communicable diseases (including surveillance) such as cholera or Ebola.

Readings: To be provided

Mental Health and Psycho-Social Support in Humanitarian Action

Date 14.10.2016 Venue G09 Ag. Time 11am-1pm Lecturer(s) Email
 Sarah Robinson

Description:

- Learning Outcomes
 - To gain an understanding of mental health risks in humanitarian and how to assess those risks
 - To know the key steps involved in providing mental health and psycho-social support to affected populations including psychological first aid.

Readings:

- IASC Guidelines on Mental Health and Psychosocial Support in Emergency Settings

Vector Control, Health Promotion, NCDs and Module Wrap Up

Date 24.10.2016	Venue A003 Health Sciences	Time 1100hrs – 10am-1pm	Lecturer(s) Niall Roche	Email
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Description:

- Learning Outcomes
 - To gain an understanding of key vectors, their diseases and means of controlling
 - To gain an understanding of health promotion towards behaviour change and key approaches used in humanitarian settings.
 - To gain an understanding of the risk to health posed by Air Pollution and the Non-Communicable Disease threat, particularly in established settings
 - To ensure understanding on the inter-relationship between components of public health, connectedness to other humanitarian sectors and mainstreaming issues like protection and resilience building.

Readings:

- Ferron Suzanne, Morgan Joy and O'Reilly Marion. Hygiene Promotion, A practical manual for relief and development. CARE International, Revised Edition!