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MODULE DESCRIPTOR

Module Title

Public Health			
Reference	AS3033	Version	6
Created	April 2019	SCQF Level	SCQF 9
Approved	May 2011	SCQF Points	15
Amended	May 2019	ECTS Points	7.5

Aims of Module

To provide students with an understanding of the factors impacting on the health of populations across the world.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Describe the environmental factors which influence the occurrence of water-borne and air-borne diseases.
- 2 Explain the contribution of nutrient deficiencies, famine and overnutrition (obesity) to the global burden of disease.
- 3 Explain the effects of climate change on the global burden of disease.
- 4 Describe strategies designed to improve public health.

Indicative Module Content

Occurrence and spread of water-, air- and food-borne microbial and parasitic diseases; zoonoses; human spread of microbial and parasitic disease; malaria; cholera; dysentery; polio; HIV and AIDS; ebola virus; zika virus; vaccinations; pollution; sanitation; water-treatment strategies; smoking; asbestos; obesity; starvation; nutrient deficiencies, including endemic iodine deficiency, vitamin A deficiency; iron; alcohol; WHO; UN and UNHCR; FAO; International Red Cross; governmental approaches to promoting public health; emerging challenges to public health e.g. antimicrobial resistance (AMR), climate change, biodiversity and urbanisation.

Module Delivery

This module is delivered by lectures and tutorials.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	33	N/A
Non-Contact Hours	117	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type: Examination Weighting: 70% Outcomes Assessed: 1, 2, 3
 Description: Unseen, closed book examination

Component 2

Type: Coursework Weighting: 30% Outcomes Assessed: 4
 Description: Poster

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

This module is assessed using the two components of assessment as detailed in the Assessment Plan. To pass this module, candidates must achieve a Module Grade D or better.

Module Grade	Minimum Requirements to achieve Module Grade:
A	Final aggregate mark of 70% or greater and a minimum of 35% in C1 and C2
B	Final aggregate mark of between 60-69% and a minimum of 35% in C1 and C2
C	Final aggregate mark of between 50-59% and a minimum of 35% in C1 and C2
D	Final aggregate mark of between 40-49% and a minimum of 35% in C1 and C2
E	MARGINAL FAIL. Final aggregate of between 35-39% and a minimum of 35% in C1 and C2
F	FAIL. A mark of less than 35% in either component
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Successful completion of Stage 1 of the course or equivalent.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 MADIGAN, M., et al. *Brock: Biology of Microorganisms*. Current Edition. Pearson Prentice Hall, New Jersey.
- 2 WORLD HEALTH ORGANISATION. *Water, Sanitation and Health*. Current Edition. WHO electronic Library.
- 3 DETELS R. et al., *Oxford Textbook of Global Public Health*. Current Edition. Oxford University Press: Oxford, UK