

MODULE DESCRIPTOR

Module Title

Public Health

Reference	AS3033	Version	7
Created	August 2021	SCQF Level	SCQF 9
Approved	May 2011	SCQF Points	15
Amended	August 2021	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

The first grade represents Component 1 (EX1) weighted as major and the second, Component 2 (CW1), weighted as minor. A module grade of D is required for a pass, with compensation of grade E in Component 1 or Component 2 permitted. Non-submission of either component will result in an NS grade.

Module Grade	Minimum Requirements to achieve Module Grade:
A	AA, AB
B	AC, AD, AE, BA, BB, BC, CA
C	BD, BE, CB, CC, CD, DA, DB
D	CE, DC, DD, DE, EA, EB, EC
E	AF, BF, CF, DF, ED, EE, EF, FA, FB, FC, FD
F	FE, FF
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