MODULE DESCRIPTOR

Module Title

Evidenced-based Public Health

Reference	HSM138	Version	4
Created	June 2017	SCQF Level	SCQF 11
Approved	June 2013	SCQF Points	30
Amended	August 2017	ECTS Points	15

Aims of Module

1. To critically explore the role of epidemiology and health measurement in the identification of the evidence base for public health and its application to practice. 2. To develop the skills to analyse and critically apply methods of measuring health and disease to current health and disease issues.

Learning Outcomes for Module

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

1	Critically engage with the principles, methods and application of epidemiology.
2	Critically analyse, select and justify appropriate methods of planning, managing and evaluating public health activities.
3	Demonstrate a critical understanding of research methodology and methods, and relate this to appraisal of literature in a relevant area of practice.
4	Analyse, integrate and synthesise research evidence in a relevant area or practice.

Indicative Module Content

The role of epidemiology in Public Health and in determining the evidence base for health management. Surveys and data sets. Epidemiological models and their application to real world health and disease problems. Health protection. The role of epidemiology in determining the financial impact on health services and informing strategies to reduce economical cost and optimise quality care and management. Health needs assessment, Health Impact Assessment, asset auditing, basic biostatistics, critical appraisal of epidemiological studies and their application to practice. Ethical implications.

Module Delivery

Online Distance Learning or Full Time On Campus.

Indicative Student Workload

Indicative Student Workload	Full Time	Part Time
Contact Hours	44	44
Non-Contact Hours	256	256
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	300
Actual Placement hours for professional, statutory or regulatory body		

ASSESSMENT PLAN

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

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3, 4
Description:	Essay				

MODULE PERFORMANCE DESCRIPTOR

Explanatory Text

Grade achieved as below.

Module Grade	Minimum Requirements to achieve Module Grade:
A	To achieve an A overall you should achieve at least 2As, 1B and 1C in rows 1 to 4 of the attached grid. Rows 5 to 7 should be at least 1 Distinction and 2 Passes. Row 8 must be a Pass.
B	To achieve a B overall you should achieve at least 2Bs, 1C and 1D in rows 1 to 4 of the attached grid. Rows 5 to 7 should be at least 3 Passes. Row 8 must be a Pass.
C	To achieve a C overall you should achieve at least 2Cs, and 2 Ds in rows 1 to 4 of the attached grid. Rows 5 to 7 should be at least 3 Passes. Row 8 must be a Pass.
D	To achieve a D overall you should achieve at least 3Ds and 1E in rows 1 to 4 of the attached grid. Rows 5 to 7 should be a least 2 Passes and 1 Fail. Row 8 must be a Pass.
E	E To achieve an E overall you should achieve at least 3Es and 1F in rows 1 to 4 of the attached grid. Rows 5 to 7 should be at least 3 Fails.
F	To achieve this grade you must fail to achieve the minimum requirements for an E but will have submitted work.
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Refer Regulation A2: Admission for admission requirements and/or course specific entry requirements.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

1	AHRENS. W. PIGEOT. I. 2014. Handbook of Epidemiology. New York: Springer.
2	HARVEY. J.and TAYLOR. V.,2013. Measuring Health and Wellbeing: transforming public health practice. London: Sage publications.
3	KEMM. J., 2012. Health Impact Assessment: Past Achievement, Current Understanding, and Future Progress. Oxford: Oxford University Press.
4	ROTHMAN. K.J., 2012. Epidemiology - An Introduction. 2nd Ed. Oxford: Oxford University Press.
5	YARNELL. J., and O'REILLY. D., 2013. Epidemiology and Disease Prevention: A Global Approach. 2nd Ed. Oxford: Oxford University Press.
6	BEN-SHLOMO.Y. 2012. Epidemiology, evidence-based medicine and public health. Bognor-Regis: Wiley-Blackwell.
7	BOWLING. A., Research methods in health: investigating health and health services: Maidenhead: Open University Press.
8	HEBEL. J., McCARTER. R., 2012. A Study Guide To Epidemiology and Biostatistics, seventh edition. Jones & Bartlett Learning, Burlington. MA