

MODULE SPECIFICATION

KEY FACTS

Module name	Public Health
Module code	PHM001
School	Health Sciences
Department or equivalent	Health Services Research and Management
UK credits	15
ECTS	7.5
Level	7

MODULE SUMMARY

Module outline and aims

The Introduction to Public Health & Epidemiology module provides an overview of important definitions and concepts, as well as an introduction to the changing panorama of public health problems. The sub-module aims to provide you with the foundation of public health and a series of themes that underpin public health. It lays the foundation of ethics in public health; takes a look back at the history of public health and epidemiology, followed by the health transitions; It ranges from the foundations of Public Health, ethics in public health to principles of screening.

Content outline

Indicative topics you will encounter on this module include:

- Introduction to Public Health (inc. history and ethics)
- Measures of disease occurrence (inc. data sources on populations)
- Burden of disease and summary measures of population health
- Health Transitions
- Prevention and Screening;
- Major Determinants of Health (e.g. food, tobacco and infectious diseases)
- Population level health promotion

The module PHM001 Public Health includes Ethics in Public Health, which will present topics such as Ethical and legal issues surrounding confidentiality and data protection information; the principles, methods, application and effectiveness of screening for early detection, prevention and control of disease; the principles of primary, secondary and tertiary prevention programmes; and the role and principles behind vaccination and immunisation in prevention of disease.

WHAT WILL I BE EXPECTED TO ACHIEVE?

On successful completion of this module, you will be expected to be able to:

Knowledge and understanding:

- Critically discuss, in written form, basic scientific concepts, methodological perspectives, and factors that govern public health research;
- Describe the evaluation of global trends affecting health, including epidemics, injuries, chronic health problems, and mental illnesses;
- Apply knowledge of basic public health concepts by critically comparing different approaches to tackling public health problems, health promotion, health policy, and to

interpret opposing viewpoints in these fields;

Skills:

- Critically assess monitoring systems and trend data analysis, and important concepts and evidence gained from the module;
- Critically evaluate a range of data to describe the health of the population, including familiarity with methods of measuring morbidity and mortality, the burden of disease and health status;
- Identify the strengths, uses, interpretation and limitations of various types of data relating to health, and scientifically quantify public health problems with existing epidemiological data;
- Review the scientific literature and present findings of major public health problems.

Values and attitudes:

- Identify and develop a critical awareness of the political nature of major public health issues that affect low-, middle, and high-income countries.
- Identify and develop a critical awareness of ethical aspects of research and development work, and critically assess the role and importance of research in public health.

HOW WILL I LEARN?

The theories and concepts presented in lectures are applied, explored, and expanded upon in group discussions, individual and group exercises and reviews of scientific articles.

Teaching and learning will take place via a combination of lectures, individual assignments, group activities and discussions which allow you to critically analyse issues. Learning will be facilitated through teacher-student and peer-peer discussions and feedback, promoting discussion and developing communication and group working skills in a seminar context.

Teaching sessions will take place over ten days (typically between 9.00 am and 12.00 pm), and are supplemented by self-directed study which enable students gain a deeper overall understanding of the subject as well as pursue topics which are of particular interest to you in greater detail.

Teaching and learning are facilitated by Moodle, the University's online Virtual Learning Environment.

Teaching pattern:

Teaching component	Teaching type	Contact hours (scheduled)	Self-directed study hours (independent)	Placement hours	Total student learning hours
Lectures, Individual work, group exercises & discussions, and literature review.	Lecture	30	120	0	150

Total:		30	120	0	150
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ASSESSMENTS AND FEEDBACK

Assessment

For the assessment you will write an essay of (a maximum of) 3,000 words. Full details will be provided in the module Assessment Specification.

Assessment pattern:

Assessment component	Assessment type	Weighting	Minimum qualifying mark	Pass/Fail?
Essay	Written assignment	100%	50%	N/A

Assessment criteria

Assessment Criteria and Grade-Related Criteria for module assessments will be made available prior to an assessment taking place. More information will be available from the module leader.

Feedback on assessment

Lecturers and/or the module leader will be available to provide formative feedback and advice prior to submission of the written assignment. Formative feedback will take two forms: (i) there will be small-group presentations delivered to the same (or similar) brief as the final assignment on a specific topic of your own choice with verbal feedback provided immediately afterwards, (ii) you will have the opportunity to submit an outline document (maximum one side of A4 with standard margins; Times New Roman; font 12; double-spaced) for written feedback from the lecturer or module leader.

Following the final assessment, marks and feedback will be provided in line with the Assessment Regulations and Policy, normally within 3 weeks of the submission deadline. Markers will be available to answer queries about the marks and feedback if these are not clear. A selection of all assessments will be internally moderated and sent to the external examiner. All initial marks will therefore be assumed as being provisional, pending external examiner approval and ratification by the Assessment Board.

Assessment Regulations

The Pass mark for the module is 50%. The Programme Specification contains information on what happens if you fail an assessment component or the module, but in the first instance you should contact the module leader.

INDICATIVE READING LIST

Beaglehole, R. & Bonita, R. (2004). *Public Health at the Crossroads: Achievements and Prospects* (2nd Ed.). World Health Organization, Geneva.

McKee, M. & Pomerleau, J. (2005). *Issues in public health*. Maidenhead; New York, NY: Open University Press.

Riegelman, R.K. (2010). *Public health 101: healthy people, healthy populations*. Sudbury, Mass. Jones and Bartlett Publishers.

Schneider, M.J. (2006). *Introduction to public health (2nd Ed.)*. Sudbury, Mass.: Jones and Bartlett.

Version:2.0

Version date: July 2014

For Use From: 2014-15

Appendix:

CODES

HESA Code	Description	Price Group
105	Health and community studies	C2

JACS Code	Description	Percentage (%)
B900	Subjects allied to medicine	100