



MASTER OF PUBLIC HEALTH (MPH)

2025-2026

STUDENT PRE-ENROLMENT INFORMATION

Department of Population Health Sciences

Disclaimer: please be aware that the information contained in this document may be subject to changes.

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Welcome to the MPH!

Dear Student,

Welcome to the PGT Master of Public Health (MPH) at King's College London. In this pre-enrolment induction pack, we provide you with key information prior to your enrolment so that when you start in September, you will be ready to fully engage with your learning and be an active participant in that learning journey.

Our MPH programme is committed to core public health principles which are aligned with [UK's Faculty of Public Health \(FPH\)](#):

- That Public Health is the science and art of preventing disease, prolonging life, and promoting health through the organised efforts of society.
- It is guided by principles of social justice and equity while tackling inequalities in health, including those driven by racism and discrimination.
- It aims to protect and improve the health of communities and populations at local, regional, national, and global level.

The programme is designed to reflect the breadth of the discipline through:

- Bringing together medical and social sciences,
- Emphasising both the “art” and the “science” by linking theory, practice and research,
- Providing both global public health perspectives as well as unique UK insight.

Our educational approach is that your studies will facilitate creativity and innovation in solving public health problems building upon a solid knowledge and understanding about public health practice and policy. Moreover, developing interventions that reflect the unique needs of the populations and their unique context, and being critical about the evidence base that underpins such interventions. Important characteristic informing master's learning includes being self-directed and an independent learner together with a curiosity to learn and listen to different perspectives. Student engagement and participation is paramount, as well as developing sense of “public health belonging and relatability that reflects the notion that “public health is everyone's business”.

I very much look forward to meeting you in September, and in the meantime, do keep an eye on the King's Offer Holder's Hub - [Public Health Offer Holders - King's College London \(kcl.ac.uk\)](#) for any further information.

Dr Assaf Givati,

Programme Director,

PGT Master of Public Health (July 2025)

Recommended tasks in preparation for your studies:

Activity/Task	Requirement
Timetable	Review the timetable and ensure that you have made a note of the key dates - do not book or plan holidays or other personal commitments during term dates or the January, May, and August examination periods.
Induction Formative Essay	The formative essay provides you with an opportunity to engage with the requirements of academic writing at master's level. Familiarise yourself with the brief for this essay.
Induction Event	<p>Tuesday 23rd September at 10.00-13.00: Location: Guy's Campus, Gowland Hopkins Lecture Theatre (Hodgkin) Getting to know one another, introduction to the MPH; meet the teaching team and hear about the different modules.</p> <p>Tuesday 23rd September at 14.00-17.00: Location: Guy's Campus, Gowland Hopkins Lecture Theatre (Hodgkin) In the afternoon you will hear about the public health research activity across the School of Life Course and Population Science and</p> <p>September 25th 10.30-12.30 Location: Waterloo Campus, Franklin Wilkins Building G.79 An introduction to public health: key principles, scope, theory and practice.</p> <p>September 25th 14.00-16.00 Location: Waterloo Campus, Franklin Wilkins Building G.79 Joint event with students from the MSc in Global Health. During this event we will reflect the nature of studying at master's level at KCL and some of the academic requirements and guidelines.</p> <p>It is very important that you attend these events and meet your fellow students as well some members of the programme team.</p>
Study Skills Preparedness	<p>Good study skills are an essential pre-requisite to ensure that you engage with the demands of studying a master's degree. Please visit the following resources:</p> <p>Starting your studies at King's</p> <p>King's Academic Skills for Learning</p> <p>Essential Digital Skills</p> <p>King's Learning & Skills Service</p>

Timetable & Attendance

At this point in the academic year, we are still finalising room bookings, and subject to availability, some changes may have to be made. **The purpose of the timetable details below is to give you an overview of the programme and identify key days and dates about when the modules are running.**

2025-26 Academic Calendar

International Student Welcome: Thursday 18 – Friday 19 September 2025

A bespoke event for international students to help you settle into life at King's and in London. More information will be available on the Welcome to King's app from mid-August 2025.

Induction week: 22-26th September, Guys Campus

Tuesday 23rd September at 10.00-13.00, 14.00-17.00

Tuesday 25th September at 10.30-12.30 and 14.00-16.00:

Teaching dates:

- **Semester 1**
 - Teaching: Monday 29 September – Friday 12 December 2025
 - Teaching/Revision: Monday 15 December – Friday 19 December 2025
- **Semester 2**
 - Teaching: Friday 16 January – Thursday 2 April 2026
 - Teaching/Revision: Monday 27 April – Friday 1 May 2026

Reading weeks:

- Monday 3 November – Friday 7 November 2025
- Monday 23 February – Friday 27 February 2026

Assessment (exam) periods:

- **Period 1:** Friday 9 January – Thursday 15 January 2026
 - **Period 2:** Tuesday 5 May – Friday 5 June 2026
 - **Period 3:** Monday 10 August – Friday 21 August 2026
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- Typically, **the dissertation project** is submitted towards the end of the academic year, i.e. 30th August 2025.
 - Upon enrolling on a particular module, you will be provided with a module handbook which will confirm the dates for assessment submission. Please make a note of these times but **CONFIRM** it in your diary once you have enrolled onto the programme.
 - Please note that the exact date of your exams will be set by the College Exam office rather than the programme. You are therefore advised to ensure that you are available to sit the exam at any point during the assessment period.

Timetable 2025-2026

An overview of the timetable is provided below. However, please note, we are still finalising timetabling arrangements so that when the module of study is scheduled, it is still subject to change. Therefore, be mindful that as a full-time student you are expected to be available for scheduled teaching sessions between Monday – Friday and that:

SEMESTER 1	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
AM	7MHPH010 Health Economics CORE, Dr Wasana Kalansooriya	SELF DIRECTED/ INDEPENDENT STUDY/ DISSERTATION PROJECT	SELF DIRECTED/ INDEPENDENT STUDY/ DISSERTATION PROJECT	SELF DIRECTED/ INDEPENDENT STUDY/ DISSERTATION PROJECT	7MHPH003 Dissertation Module CORE, Dr Iain Marshall
PM	7MHPH108 Basic Epidemiology and Statistics CORE, Dr Peter Schofield Dr Marc Delord	7MRH0025 Healthcare Public Health CORE, Dr Gayan Perera	SELF DIRECTED/ INDEPENDENT STUDY/ DISSERTATION PROJECT	7MHPH021 Social Research Methods Public Health CORE, Dr Jamie Murdoch	SELF DIRECTED/ INDEPENDENT STUDY/ DISSERTATION PROJECT
SEMESTER 2	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
AM	7MRLGH14 Conflict and Health, OPTIONAL, Dr Geoff Whitman		7MHV0024 Delivering Public Health in Primary Care OPTIONAL, Dr Tim Harries	7MHPH006 The Prevention and Control of Communicable Disease CORE, Dr Donal O’Sullivan	SELF DIRECTED/ INDEPENDENT STUDY/ DISSERTATION PROJECT
PM	7MHPH007 Sociology of Health and Illness OPTIONAL, Dr Assaf Givati Dr Peter Schofield,	7MHPH019 Global Public Health OPTIONAL Prof Mariam Molokhia 7MLP0001 Health Systems Strengthening OPTIONAL, Professor Andrew Leather	7MHPH109 Further Epidemiology and Statistics OPTIONAL, Prof Abdel Douiri	7MHPH014 Health Inequalities & Health Improvement CORE, Dr Jamie Murdoch /Dr Marjorie Lima do Vale/Prof Seeromanie Harding	7MPE1000 Principles of Health Informatics OPTIONAL, Prof Vasa Curcin and Dr Martin Chapman

- Normal hours of operation are between 08:00 – 18:00. These are the times in which you should expect teaching, learning and assessment activities to be timetabled.
- As a Postgraduate Taught (PGT) student, you are expected to work on your dissertation/project throughout the summer.

Attendance

Students must attend scheduled lectures and seminars as outlined in the teaching dates and timetable. Upon enrolment you will be signposted to the [‘Student Attendance and Engagement Policy’](#) which is aimed at *fostering a positive learning environment for all students* addressing student academic success, welfare and legal compliance.

Induction Formative Assessment

Academic writing conforms to a particular style or convention of writing that you will be expected to use when writing assessments. It is fundamental that you are familiar with the requirements of academic writing so that you can fulfil your potential and maximize your learning opportunities whilst at university.

King’s [Postgraduate Taught Marking Criteria](#) describes the standards against which your assessments are marked. By way of introducing (or re-introducing) you to academic writing we would like you to write an essay on the following:

“WE ARE HEALTHIER TODAY THAN PREVIOUS GENERATIONS?” DISCUSS

Deadline Date: Monday 29th September at 15.00.

Written feedback will be provided by Tuesday 7th October 2025.

A Formative essay feedback session will be held on Wednesday 8th October at 15.00

Essay Requirements:

- Word Limit – 800 words. Integrate references to relevant literature, research, and policy.
- Format the document according to the [APA paper format guide](#), using 1 ½ line spacing, Calibri font type, font size 12.
- Ensure you reference your citations correctly using the [APA referencing style](#).

Submission arrangements: upon enrolment you will have access to the programme KEATS page (King’s e-learning platform) which will have an online link for you to submit your formative essay. Please ensure that you submit your essay before the deadline date & time. The essay will be marked, giving you an indicative grade and feedback which we will guide you about areas for further development and enhancement in your academic writing.

To get you started, we have identified some resources which may serve as a useful springboard, notwithstanding the fact that these mostly do have a Eurocentric focus. There is also further guidance about study skills which will also be useful.

1. **Learn Higher. Centre for Excellence in Teaching and Learning**
Free teaching and learning resources for staff and students across the FE/HE sector.
<http://learnhigher.ac.uk/>
2. **Office for National Statistics**

ONS is the UK's largest independent producer of official statistics and the recognized national statistical institute of the UK.

[https://www.gov.uk/government/statistics?topics\[\]=public-health](https://www.gov.uk/government/statistics?topics[]=public-health)

3. Public health Textbook

<http://www.healthknowledge.org.uk/public-health-textbook>

This online learning resource is for anyone working in health, social care, and well-being wherever they work or study. The resource allows you to access a broad range of learning materials for personal use or for teaching purposes to help everyone expand their public health knowledge.

4. Department of Health

<https://www.gov.uk/government/organisations/department-of-health>

UK Government Department leading on health policy and service provision.

5. World Health Organization

<http://www.who.int/en/> is the directing and coordinating authority for health within the United Nations system. It is responsible for providing leadership on global health matters, shaping the health research agenda, setting norms and standards, articulating evidence-based policy options, providing technical support to countries and monitoring and assessing health trends.

Relevant Journal Articles? The following 3 articles are a good starting point, and are freely available via the internet:

- The Burden of Disease and the Changing Task of Medicine:
<http://www.nejm.org/doi/full/10.1056/NEJMp1113569>
- Global Health Status: two steps forward, one step back.
[http://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(00\)02590-3/fulltext](http://www.thelancet.com/journals/lancet/article/PIIS0140-6736(00)02590-3/fulltext)
- The Global Burden of Disease: Generating Evidence, Guiding Policy
http://www.healthmetricsandevaluation.org/sites/default/files/policy_report/2011/GBD_Generating%20Evidence_Guiding%20Policy%20FINAL.pdf

Remember the essay is an early opportunity for you to assess your own study skills and academic writing. We hope the subsequent feedback will help you focus on potential areas of improvement and identify the resources required to support progression.

Specific module reading

Core Module	Text
7MRH0025 Healthcare Public Health	Gulliford, M., & Jessop, E. (Eds.). (2020). <i>Healthcare public health: Improving health services through population science</i> . Oxford University Press.
7MHPH010 Health Economics	Guinness, L., & Wiseman, V. (2011). <i>Introduction to health economics</i> . McGraw-Hill Education (UK).
7MHPH021 Social Research Methods for Public Health	Green, J., & Thorogood, N. (2018). <i>Qualitative methods for health research</i> . (Fourth Edition). London: Sage.
7MHPH108 Basic Epidemiology and Statistics for Public Health	Campbell, M. J. (2021). <i>Statistics at square one</i> . John Wiley & Sons. More advanced: James, G., Witten, D., Hastie, T., & Tibshirani, R. (2013). <i>An introduction to statistical learning</i> (Vol. 112, No. 1). New York: springer. Driver.dvi
7MHPH006 The Prevention and Control of Communicable Disease	Hawker, J., Begg, N., & Reintjes, R. (2019). <i>Communicable disease control and health protection handbook</i> . Wiley. Hoboken, New Jersey, https://rl.kcl.ac.uk/leganto/public/44KCL_INST/citation/12453942090006881?auth=SAML UKHSA webpages, especially to understand the organisation of the current Health Protection arrangements: UKHSA strategic plan 2023 to 2026: executive summary - GOV.UK Part 1 of Immunisation Against Infectious Diseases, the so-called Green Book. This is the definitive document on national policy on immunisation. Focus in particular on Chapters 1, 6,7,8 and 9: Immunisation against infectious disease - GOV.UK
7MHPH014 Health Promotion and Health Improvement	WHO Commission on Social Determinants of Health, & World Health Organization. (2008). <i>Closing the gap in a generation: health equity through action on the social determinants of health: Commission on Social Determinants of Health final report</i> . World Health Organization.

Core Modules

All students on the MPH will be required to take all four compulsory modules in semester 1, two compulsory modules in semester 2, and a core dissertation module which runs through the academic year.

Module	Module code	Module Leads	email
Basic Epidemiology and Statistics	7MHPH108	Dr Peter Schofield & Dr Marc Delord	peter.schofield@kcl.ac.uk marc.delord@kcl.ac.uk
Health Economics	7MHPH010	Dr Wasana Kalansooriya	wasana.kalansooriya@kcl.ac.uk
Social Research Methods	7MHPH021	Dr Jamie Murdoch	jamie.murdoch@kcl.ac.uk
Healthcare Public Health	7MRH0025	Dr Gayan Perera	gayan.perera@kcl.ac.uk
Dissertation	7MHPH003	Dr Iain Marshall	iain.marshall@kcl.ac.uk
Health Promotion & Health Improvement	7MHPH014	Dr Jamie Murdoch Dr Marjorie Lima do Vale Prof Seeromanie Harding	jamie.murdoch@kcl.ac.uk marjorie.lima do vale@kcl.ac.u k seeromanie.harding@kcl.ac.uk

Prevention & Control of Disease	7MPHP006	Dr Donal O'Sullivan	donal.o'sullivan@kcl.ac.uk
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Optional modules

Optional modules will be offered in term 2 of the 2024-25 academic year. You are required to select two modules from the options below.

Module	Module code	MODULE LEADS	email
Further Epidemiology and Statistics	7MHPH109	Prof Abdel Douiri	abdel.douiri@kcl.ac.uk
Global Public Health	7MHPH019	Prof Mariam Molokhia	mariam.molokhia@kcl.ac.uk
Sociology of Health and Illness	7MHPH007	Dr Assaf Givati & Dr Peter Schofield	assaf.givati@kcl.ac.uk peter.schofield@kcl.ac.uk
Delivering Public Health in Primary Care	7MHV0024	Dr Tim Harries	timothy.harries@kcl.ac.uk
Principles of Health Informatics	7MPE1000	Prof Vasa Curcin and Dr Martin Chapman	vasa.curcin@kcl.ac.uk martin.chapman@kcl.ac.uk
Health Systems Strengthening	7MLP0001	Professor Andrew Leather	andy.leather@kcl.ac.uk
Conflict and Health	7MRLGH14	Dr Geoff Whitman	geoff.whitman@kcl.ac.uk

There are a few things to bear in mind when choosing your optional modules:

1. We cannot guarantee that you will be able to study every optional module that you choose. There may be a timetable clash, and some modules enforce a low cap on the number of our students who can take them.
2. For modules that are oversubscribed, we will endeavour to ensure that as many people get their first choice as possible. However, you should be aware that this will not always be possible.
3. Information about when and how to select your optional modules will be sent to you via email following the start of the academic year. It will also be discussed during our induction events.

Module Outlines

Please note that following feedback from students there may be some revisions to the content and learning outcomes, and these will be confirmed once you start the programme in September. Therefore, please look to the module handbook for the definitive aims and learning outcomes. The assessment mode for each module will not change.

Core:

- 7MHPH003 Public Health Dissertation
- 7MHPH108 Basic Epidemiology and Statistics for Public Health
- 7MRH0025 Healthcare Public Health
- 7MHPH010 Health Economics
- 7MHPH014 Health Inequalities and Health Improvement
- 7MHPH006 Prevention and Control of Disease
- 7MHPH021 Social Research Methods for Public Health

Optional:

- 7MHPH007 Sociology of Health and Illness
- 7MHV0024 Delivering public health in primary care: from theory to practice
- 7MHPH109 Further Epidemiology and Statistics for Public Health
- 7MHPH019 Global Public Health
- 7MPE1000 Principals of Health Informatics
- 7MLP001 Health System Strengthening
- 7MRLGH14 Conflict and Health

7MHPH003 Public Health Dissertation (60 Credits Core Module)

Aim

This module aims to provide students with the knowledge, skills and understanding to become critical consumers of research and to develop their potential as researchers by designing and carrying out an original research project in Public Health or Primary Care.

Learning Outcomes

- Develop an idea for a research study which is formulated as a scientific question and reflects a critical appraisal of relevant evidence to justify the study and set it in context
- Understand the role of different research methodologies and study designs; select and justify an appropriate design for the research question
- Understand and apply the requirements for research governance, integrity and ethical concerns to the study
- Design and carry out a methodologically rigorous study and provide a critical evaluation and synthesis of the results and their application to practice, policy, and future research.
- Develop skills in project planning, time and resource management, communication and scientific writing.
- Critically reflect upon the provisional nature of knowledge and the use of evidence in public health

Assessment

Formative Research proposal and Summative Research Project – 15,000 words

7MHPH108 Basic Epidemiology and Statistics for Public Health

(15 credits Core Module)

Aim

This module will introduce students to the fundamental concepts of epidemiology and medical statistics enabling them to understand the principles of epidemiology and critically evaluate epidemiological study designs and systematic reviews. Using research studies and real-world data, students will be taught to analyse, interpret and present findings using the statistical software package R.

Learning Outcomes:

- Understand and evaluate the role of statistical methodology in the context of epidemiology and public health.
- Describe the fundamental concepts of epidemiology, including sources of data, study designs and classification of diseases.
- Develop skills in handling data in R and be able to present findings in suitable tables and figures.
- Understand and apply statistical methods commonly used in epidemiological research, including summarising data, comparing two groups, correlation and regression analysis.
- Critically appraise the analytical and interventional study designs in epidemiology, including understanding the strengths, limitations and main sources of bias.
- Critically interpret epidemiological data, including calculating measures of disease frequency and interpreting measures of association including relative risks, odds ratios and absolute measures of effect.
- Critically appraise the main steps in and the role of systematic reviews in synthesising evidence for decision-making

Assessment

Coursework (essay) and Exam

7MRH0025 Healthcare Public Health

(15 credits Core Module)

Aims

Health care is one of the key domains of public health practice. This module aims to introduce students to the main concepts, methods, and subject matter of healthcare public health.

Learning Outcomes

- Demonstrate an understanding about the domain and scope of healthcare public health and the principles of public health ethics.
- Critically appraise sources of healthcare information and knowledge management.
- Critically analyse the problems of healthcare access and healthcare inequalities.
- Outline the role of health services in disease prevention and critique the role of screening.
- Critically discuss the main stages of emergency planning and response.
- Critically discuss key elements in public health service design and evaluation
- Develop and design a healthcare needs assessment

Assessment

Coursework (needs assessment) and Exam.

7MHPH010 Health Economics

(15 credits Core Module)

Aim

To provide students with an understanding of economic theories relevant to the analysis of health and health care, and the ability to appraise the application of economics to the analysis of health policy and practice.

Learning Outcomes

- Describe, differentiate, and analyse economic theories and methods for assessing efficiency and equity.
- Critically examine why different types of market exist, how markets can fail to produce health care efficiently or equitably, and the role of government in addressing market failures.
- Evaluate economic theory and evidence to debate the value of alternative methods of financing and/or providing health services.
- Systematically apply an understanding of economic evaluation to appraise the focus, methods and quality of economic evaluation for policy and practice.
- Critically appraise and apply economic theories and methods to public health policies and/or health service provision.

Assessment

Group presentation and Exam.

7MHPH014 Health Inequalities and Health Improvement (15 credits Core Module)

Aim

The module will aim to outline the role of health improvement in public health with a specific focus on strategic and policy interventions related to health promotion and health inequalities. It will critically examine the principles and practice of health promotion by drawing upon specific public health issues across the lifespan that impact upon the health and well-being of populations and individuals, together with health inequalities both nationally and globally.

Learning Outcomes:

1. Critically discuss the concepts of health improvement and health promotion and the underlying models and theories.
2. Critically explore the range of approaches to aid in the understanding of the social determinants of public health problems and health inequalities
3. Appraise and critically reflect upon the range of approaches to the development and implementation of interventions to tackle public health problems.
4. Critically examine approaches for the evaluation of public health interventions.
5. Critically appraise the implications of a complex system perspective for intervention development and evaluation
6. Critically appraise the ways in which health promotion research can be translated into policy and practice.

Assessment

Coursework X 2 (critical reflection and a report)

7MHPH006 Prevention and Control of Disease

(15 credits Core Module)

Aim

The module aims to ensure that students know, understand, and can apply the principles and practice of surveillance, control, and prevention of disease, with a particular focus on communicable disease.

Learning Outcomes:

- Describe the importance of the epidemiological triangle, the chain of infection and the natural history of disease.
- Design and justify a programme to control a specific disease underpinned with reference to key theoretical frameworks.
- Evaluate a screening programme for a given disease.
- Develop a surveillance programme Underpinned with reference to key literature.
- Describe the surveillance of specific communicable diseases in the UK.
- Develop a plan for the investigation and management of an outbreak of disease.
- Apply the principles of immunisation and an understanding of the uses of immunisation in the prevention of a number of specific communicable diseases.

Assessment

Coursework (report) and Exam

7MHPH021 Social Research Methods for Public Health

(15 credits Core Module)

Aim

Students will acquire skills in qualitative and survey methods to investigate public health problems. They will understand the epistemological basis underpinning qualitative and survey methods and have the ability to identify and critically assess the appropriateness of a qualitative or survey method. They will understand notions of quality in relation to research conducted using these methods.

Learning Outcomes

- Explain and justify when qualitative methods are appropriate to answer specific research questions.
- Critically appraise the strengths and limitations of different social research methods for different studies.
- Design and justify a public health study using one or more qualitative research methods.
- Critically evaluate different qualitative analysis techniques.
- Critically assess the quality of existing empirical public health research that uses social research methods.

Assessment

Coursework (essay)

7MHPH007 Sociology of Health and Illness

(15 credits Optional Module)

Aim

Students completing this module will be able to: - apply medical sociological concepts to public health issues - take a critical approach to interpreting data. - understand the assumptions and approaches to social science research.

Learning Outcomes

- Describe key sociological theories in understanding health and illness.
- Critically examine the concepts of agency and structure (the “sociological imagination”) as applied to public health.
- Discuss and evaluate the relevance of power relations to our understanding of public health issues - for example, when looking at inequalities in health
- Develop and apply structured arguments and relevant empirical evidence to support sociological approaches to understanding public health issues.

Assessment

Group presentation and Coursework (essay)

7MHV0024 Delivering public health in primary care: from theory to practice

(15 credits Optional Module)

Aim

The educational aim of this module is to critically examine primary care from a public health perspective. Ways of improving the effectiveness of primary care will be considered in the context of the often-competing demands of population health and individual choice. Current issues around how primary care initiatives are developed will be critically examined with reference to multiple current case studies.

Learning Outcomes

- Critically discuss the concepts of evidence-based medicine and patient-centred care, and how these concepts may conflict.
- Critically examine issues around communicating population-based research to individual patients including an appraisal of communicating risk.
- Examine the concept of the 'prevention paradox' from a primary care perspective, and the implications for this on health promotion.
- Evaluate the evidence base for primary care as a method for delivering public health, and develop a critical awareness of how it can be most effectively delivered.
- Critically examine the development of a current primary care initiative, (e.g. reducing hospital admissions, NHS Health Checks).
- Take a critical approach to commonly used indicators of population health (e.g. disease prevalence, use of preventative medication), and describe the benefits and potential harms of target-driven practice.

Assessment

Coursework (intervention proposal) and Exam

7MHPH109 Further Epidemiology and Statistics for Public Health (15 credits Optional Module)

Aim

The module aims to provide students with an advanced working knowledge of epidemiological concepts, advanced statistical and analytical methods with practical experience of the application of these methods to the analysis of data using the R statistical software package. It aims to give students the opportunity to develop their research skills and to critically appraise and interpret the quality of evidence of a variety of studies related to public health.

Learning Outcomes

- Critically evaluate and interpret published reports of life course epidemiological data within health research.
- Analyse epidemiological issues specific to disease areas including primary care, cardiovascular disease, and cancer.
- Determine the contexts for which each of the following methods of analysis is appropriate: multiple linear regression; Poisson regression; random, fixed and mixed effects meta-analysis; Kaplan Meier Survival Plot; log rank tests and Cox's proportional hazard regression.
- Design, analyse, interpret and present their own epidemiological studies.
- Apply a statistical package to carry out analysis of data using the above methods and be able to interpret and critically evaluate the output from the package

Assessment

Coursework (essay) and Exam

7MHPH019 Global Public Health

(15 credits Optional Modules)

Aim

The module aims to introduce and explore key issues in global public health. It will enable students to understand causes and manifestations of global inequalities in health, and to propose and critically evaluate local and international policies aimed at addressing these, as well as interventions that aim to reduce them.

Learning Outcomes

- Understand and discuss the global burden of disease
- Critically examine the global determinants of morbidity and mortality
- critically evaluate policies and interventional strategies to address global inequalities in health
- critically appraise published research of global health problems and interventions aimed at addressing these
- clearly explain the concept of globalisation and impacts on health
- clearly explain the concept of health as a human right, social determinants of health and health equity.

Assessment

Group Poster Presentation and Exam

7MPE1000 Principles of Health Informatics

(15 credits Optional Module)

Aim

This module will consider the role of health informatics in modern health systems, spanning research and practice, starting from the fundamentals of information science via methodological aspects of medical knowledge representation and AI, all the way to applications in clinical decision support systems, personalized medicine, and consumer apps. The module will draw upon expertise from industry to ensure content is cognizant of current trends and practice, specifically in the area of commercial decision support tools embedded into the electronic health record (e.g., Metadvice) and analytical dashboards (e.g. Imosphere).

Learning Outcomes

- Understand and appraise the principles and applications of information and communication methods and technologies in healthcare.
- Describe and critically assess digital interventions in health
- Evaluate the appropriateness of different informatics methods for a range of research questions and study types
- Critically examine the role of Electronic Health Records in clinical research and practice
- Demonstrate the skills in planning, communication and reporting required for the successful implementation of health informatics solutions
- Critically analyse and contextualise the role of Artificial Intelligence in decision support systems and how it contributes to the broader vision of a Learning Health System.

Assessment

Presentation and Coursework (essay)

7MLP0001 Health Systems Strengthening

(15 credit optional module)

Aims

The aims of this module are to understand the importance of:

- Health system strengthening - theoretical framing/experiential learning.
- The wider context: global policy initiatives, different sectors, and settings.
- Learning Health Systems and their relationship to health system strengthening.
- Role of partnerships and relational capital in health system strengthening.
- Improvement and Implementation Science and Quality Improvement.
- Digital health interventions: health needs and resources.
- Best practice research and collaboration between HIC and LMIC.
- Collaboration in global health practice.

Learning Outcomes

- To appraise the discourse on health systems strengthening as both a highly technical, but also an intensely political, scope of practice.
- To critique the wider health system context including global and national policy initiatives, across different sectors and settings.
- To investigate the concept of learning health systems and conceptual frameworks for health systems strengthening.
- To appraise the role of global health partnerships and relational capital to strengthen access to quality healthcare.
- To analyse the use of Theory of Change and Logical Frameworks in the design and implementation of health systems strengthening interventions.
- To appraise the opportunities for digital health interventions to transform care delivery and healthcare outcomes.
- To critique the state of health system strengthening research including the role of collaborative research partnerships.
- To appraise the role and importance of collaborative working in global health projects.

Assessments

Group oral presentation & coursework (essay)

7MRLGH14 Conflict and Health

(15 credits. Optional Module)

Content.

This module critically evaluates the impact of conflict on health and health systems. Topics covered include theories of the causes of war; the role of humanitarian actors and principles in conflict; the impact of war on noncommunicable diseases; the impact of conflict on child health; sexual and gender-based violence in conflict settings; conflict and migration; post-conflict reconstruction of health systems. These broad topics are examined through the lens of various case studies.

Educational aims

This course should enable students to:

- Understand theories of conflict and the interrelationship between conflict and health
- Critically analyse various theoretical understandings of causes of conflict
- Critically engage with the impact of conflict on various issues; and
- Apply this understanding to specific contexts.

Learning outcomes

By the end of the module students should be able to:

- Critically evaluate the impact of conflict on health, health systems and security
- Critically appraise the role of humanitarian intervention in conflict
- Understand the impact of forced migration on health and describe the international humanitarian codes relevant to refugees
- Critically appraise the literature on gender-based violence in the context of conflict and migration
- Critically appraise the effectiveness of conflict prevention and peace-building initiatives
- Critically analyse the academic and grey literature on conflict and health.

Assessment

Group poster and Coursework (essay)

Format and referencing requirements for written assignments (essay, report)

This assessment requires you to write a XXXX-word essay. Please ensure you:

- write in an essay format
- are familiar with the marking criteria
- use Harvard referencing or [APA \(7th\)](#)
- use a word processor
- use Arial font, size 12 with 1.5 line spacing and page numbers

Word Count and word limit requirements:

- Word count should include the main body of the text: headings, in-text citations, and quotes.
Word count should not include: the coursework title, references list/bibliography, footnotes, tables, figures and appendices.
- You should not exceed the specified word limit by more than 10%. For example, for an essay with a 1500-word limit, you must not write more than 1650 words. If you exceed the word limit for your assignment by more than 10% (even by one word), the assessment mark will be reduced by 10%.
- Please note that examiners may not read more than 10% beyond the word limit, so exceeding it could cause you to fail an assessment if crucial information does not fall within this word limit allowance.
- No penalty is applied to candidates whose work falls short of the prescribed limits. Such work will be marked in accordance with the academic criteria.

Generative AI: student guidance

Artificial Intelligence, or AI, refers broadly to any technology or system that can reason and/or adapt, sometimes on its own, to achieve certain goals. For example, predictive text on a smartphone guesses what you will write next, or a robot that can analyse what's around it and then make decisions to act within its environment autonomously. Please read carefully and familiarise yourself with the [guidance in this link](#). In particular, you should be familiar with the following guidance:

- [What do you mean by AI and generative AI?](#)
- [Is generative AI banned at King's?](#)
- [How could generative AI help with my studies?](#)
- [What should I be alert to?](#)
- [If I use AI in an assignment will it affect my grade?](#)