



PROGRAMME SPECIFICATION

1. Overview

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| Academic Year (student cohorts covered by specification) | 2022-23 |
| Programme Title | Public Health (Environment & Health Stream) |
| Programme Director | Jenny Gosling, Shakoor Hajat, Ford Hickson, Dalya Marks, Wendy Macdowall, Peter Weatherburn Stream Advisor: Sari Kovats |
| Awarding Body | University of London |
| Teaching Institution | London School of Hygiene & Tropical Medicine |
| Faculty | Public Health and Policy |
| Length of Programme (months) | MSc – Full time = 12 months, Part time = 24 months |
| Entry Routes | MSc |
| Exit Routes | MSc/PGDip/PGCert |
| Award Titles | MSc Public Health (Environment & Health Stream) (180 credits) Exit awards: PGDip Public Health (Environment & Health Stream) (120 credits) PGCert Public Health (60 credits) |
| Accreditation by Professional Statutory and Regulatory Body | Curriculum validated by the Agency for Public Health Education Accreditation (APHEA). Please refer to the LSHTM Accreditation register for the period of accreditation. |

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| Relevant PGT QAA Benchmark Statement and/or other external/internal reference points | No applicable benchmark statement. |
| Level of programme within the Framework for Higher Education Qualifications (FHEQ) | Masters (MSc) Level 7 |
| Total Credits | CATS:180 ECTS: 90 |
| HECoS Code(s) | 101317:100270:101307 (1:1:1) |
| Mode of Delivery | Our ambition is to open our London campus for as much activity as possible but are mindful that the outbreak of COVID-19 is unprecedented and has the potential to influence the delivery of education around the world for some time to come. We will monitor the pandemic and associated Government restrictions carefully and adjust our plans accordingly. As part of our response to the ongoing pandemic LSHTM developed a flexible learning model allowing a switch between face-to-face and digital delivery as circumstances dictate. |
| Mode and Period of Study | Full time (12 months) or part time/split time (max 24 months) |
| Cohort Entry Points | Annually in September |
| Language of Study | English |
| Re-sit Policy | https://www.lshtm.ac.uk/sites/default/files/academic-manual-chapter-08a.pdf |
| Extenuating Circumstances Policy | https://www.lshtm.ac.uk/sites/default/files/academic-manual-chapter-07.pdf |
| Programme Description | This programme covers the whole breadth of public health, encompassing high-, middle- and low-income countries. |

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| | <p>On successful completion of the programme, students will receive a Master's degree in Public Health (Environment and Health).</p> <p>This stream provides multidisciplinary training in the advanced methods necessary to undertake epidemiological research on the relationships between health and the environment. Students will develop an understanding of the social, economic and political contexts which underlie the establishment of priorities and the selection and evaluation of policy responses.</p> |
| Date of Introduction of Programme (month/year) | <p>September 2004</p> <p>The last periodic review of the programme stream occurred in 2016-17.</p> |
| Date of production / revision of this programme specification (month/year) | <p>October 2021</p> |

2. Programme Aims & Learning Outcomes

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| Educational aims of the programme |
| <p>The aim of the programme – consistent with the LSHTM's mission to improve health and health equity worldwide – is to provide a foundation for research and practice in environment and health. Multidisciplinary training is provided in the advanced methods necessary to undertake epidemiological research on the relationships between health and the environment, and to develop an understanding of the social, economic and political contexts which underlie the establishment of priorities and the selection and evaluation of policy responses.</p> |
| Programme Learning Outcomes |
| <p>By the end of the programme, students will be expected to achieve the following learning outcomes – drawing on material taught across different elements and assessed in a variety of ways.</p> <ul style="list-style-type: none"> i) demonstrate ability to apply knowledge of the core disciplines of public health to real world health problems ii) describe the principal concerns in environment and health (pollution of air, water, and land; the urban environment; sustainable development; risk perceptions) |

- iii) interpret and evaluate risk assessments and risk management strategies as applied to environment and health concerns
- iv) show a theoretical and practical understanding of the design and analysis of studies in environmental epidemiology
- v) analyse the political and social contexts in which an environment and health policy is made, the factors that lead to policy change, and in particular, the role that research plays in policy change
- vi) show competence in critically evaluating and communicating research evidence in relation to environment and health issues

Teaching and Learning Strategy

The programme is taught or, through a variety of teaching methods including: lectures, small group seminars, practicals, computing practicals and groupwork with peers. All elements of the programme have specific Intended learning outcomes, with content designed to help students achieve these outcomes. Students are expected to learn through both directed and self-directed study.

Assessment Strategy

Students are assessed through (1) time-limited examinations, (2) an independent project report and (3) in individual module assessments (which may be an essay or other written assignment, short written tests, a groupwork report or presentation, or other method). Such tasks are designed to assess, via the most appropriate method, whether learning objectives have been met.

3. Programme Structure and features, modules, credit assignment and award requirements:

| Full-time Masters | Term 1 | Term 2 & 3 | Term 3 | Total Credits (CATS) |
|---------------------|--------|------------|--------|----------------------|
| Compulsory Modules | 5 | 1 | 1 | 80 |
| Recommended Modules | 1 | 3 | | 55 |
| Projects | | | 1 | 45 |
| Total credits | 60 | 60 | 60 | 180 |

Module information is correct at the time of publication, but minor amendments may be made subject to approval as detailed in [Chapter 3 of the LSHTM Academic Manual](#). Optional (i.e. recommended non-compulsory) modules listed are indicative and may change from year to year. <https://www.lshtm.ac.uk/study/courses/changes-courses>

| Term | Slot | Module Code | Module Title | Module Type (compulsory or recommended) | Credits (CATS) |
|-------------|-------------|--------------------|---|--|-----------------------|
| 1 | AB1 | 1103 | Introduction to Health Economics | Recommended | 10 |
| 1 | AB1 | 1104 | Principles of Social Research | Compulsory | 10 |
| 1 | AB1 | 1107 | Health Services | Recommended | 10 |
| 1 | AB1 | 1109 | Foundations for Health Promotion | Recommended | 10 |
| 1 | AB1 | 1117 | Health Policy, Process & Power | Recommended | 10 |
| 1 | AB1 | 1121 | Basic Statistics for Public Health & Policy | Compulsory | 10 |
| 1 | AB1 | 1123 | Issues in Public Health | Compulsory | 10 |
| 1 | AB1 | 1125 | Environment, Health and Sustainable Development | Compulsory | 10 |
| 1 | AB1 | 2001 | Basic Epidemiology | Compulsory | 10 |
| 2 | C1 | 1400 | Health Care Evaluation | Recommended | 15 |
| 2 | C1 | 1501 | Economic Evaluation | Recommended | 15 |
| 2 | C1 | 1803 | Sociological Approaches to Health | Recommended | 15 |
| 2 | C1 | 1807 | Health Promotion Approaches and Methods | Recommended | 15 |
| 2 | C1 | 2400 | Study Design: Writing a Study Proposal | Recommended | 15 |
| 2 | C1 | 2423 | Research Design & Analysis | Recommended | 15 |
| 2 | C1 | 3195 | Malaria: from science to policy and practice | Recommended | 15 |
| 2 | C1 | 3457 | Designing Disease Control Programmes in | Recommended | 15 |
| 2 | C2 | 1402 | Conflict & Health | Recommended | 15 |
| 2 | C2 | 1808 | Health Systems | Recommended | 15 |
| 2 | C2 | 2402 | Statistical Methods in Epidemiology | Recommended | 15 |
| 2 | C2 | 2417 | Design & Analysis of Epidemiological Studies | Recommended | 15 |
| 2 | C2 | 2436 | Population, Poverty & Environment | Recommended | 15 |

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| 2 | D1 | 1127 | Evaluation of Public Health Interventions | Recommended | 15 |
| 2 | D1 | 1454 | Applied Communicable Disease Control | Recommended | 15 |
| 2 | D1 | 1504 | Economic Analysis for Health Policy | Recommended | 15 |
| 2 | D1 | 1802 | Medical Anthropology and Public Health | Recommended | 15 |
| 2 | D1 | 2407 | Epidemiology of Non-Communicable Diseases | Recommended | 15 |
| 2 | D1 | 2459 | Current Issues in Maternal & Perinatal Health | Recommended | 15 |
| 2 | D1 | 2472 | Social Epidemiology | Recommended | 15 |
| 2 | D1 | 3434 | Water, Sanitation and Hygiene, and Health | Recommended | 15 |
| 2 | D2 | 1301 | Environmental Epidemiology | Compulsory | 15 |
| 3 | E | 1300 | Environmental Health Policy | Compulsory | 15 |

Contact time

Student contact time refers to the tutor-mediated time allocated to teaching, provision of guidance and feedback to students. This time includes activities that take place in face-to-face contexts such as on-campus lectures, seminars, demonstrations, tutorials, supervised laboratory workshops, practical classes, project supervision and external fieldwork or visits, as well as where tutors are available for one-to-one discussions and interaction by email. Student contact time also includes tutor-mediated activities that take place in online environments, which may be synchronous (using real-time digital tools such as Zoom or Blackboard Collaborate Ultra) or asynchronous (using digital tools such as tutor-moderated discussion forums or blogs often delivered through the School's virtual learning environment, Moodle). Online contact time is always characterised by personalised tutor presence and input within a specified time-frame. Module contact time will be defined in the individual module specifications and provided to students at the start of their programme.

This definition is based on the one provided by the [Quality Assurance Agency for Higher Education \(QAA\) Explaining contact hours \(2011\) guidance document, page 4 available here](#). Student contact time, together with time allocated for independent study and assessment, determines the total student study hours for a module or programme. Although there are separate hours allocated for each of these activities, they should always be clearly linked together to support effective learning.

The London School of Hygiene and Tropical Medicine (LSHTM) defines high quality contact time as structured, focused, purposeful and interactive.

4: Entry Requirements

Criteria for admission

The normal minimum entry requirements for the MSc Public Health are:

- **An upper second class honours degree (2:1)** from a UK university, or an overseas qualification of an equivalent standard.
- **Work experience:** preference will be given to applicants with relevant work experience, this includes both paid and voluntary work, internships etc.
- **Additional requirement:** applicants for the MSc Public Health (all streams) will need to provide some evidence of ability in mathematics, post-16 year education. This could include:
 - "A" level or a higher school certificate,
 - a module within an undergraduate degree (such as quantitative methods, epidemiology or statistics)
 - statistics studied as part of a general research methods course.

Any student who does not meet the minimum academic entry requirement above but who has significant relevant professional experience may still be eligible for admission.

For further information, please see

<https://www.lshtm.ac.uk/study/how-apply/applying-masters-degree-london/you-apply-msc>

English language entry requirements

Band B

It is essential that all students have a good command of the English language to benefit from their studies at the LSHTM.

As part of the application process, applicants are required to demonstrate how they meet the LSHTM's minimum English language requirements. This is particularly important for applicants requiring a Student visa, as the UK Home Office dictates that every student from outside the UK and European Union (EU) must show evidence of a minimum level of English language ability (called CEFR1 B2 level), in order for a Student visa to be issued for entry to the UK.

Additionally, the LSHTM asks applicants to have minimum English language proficiency levels that are necessary for our academic programmes. These levels are higher than the CEFR B2 minimum level and also apply to EU applicants, although these will not normally require a Student visa.

The academic English language requirements for each of the LSHTM's programmes are categorised into one of three profiles A, B or C. For information on these three profiles, please refer to the LSHTM English Language Requirement Policy:

https://www.lshtm.ac.uk/sites/default/files/english_language_requirements_policy.pdf