

# PROGRAMME SPECIFICATION

LONDON  
SCHOOL of  
HYGIENE  
& TROPICAL  
MEDICINE



## 1. Overview

<b>Academic Year (student cohorts covered by specification)</b>	2020-21
<b>Programme Title</b>	Public Health (Environment & Health Stream)
<b>Programme Director</b>	Jenny Gosling, Shakoor Hajat, Ford Hickson, Dalya Marks, Wendy Macdowall, Peter Weatherburn Stream Advisor: Sari Kovats
<b>Awarding Body</b>	University of London
<b>Teaching Institution</b>	London School of Hygiene & Tropical Medicine
<b>Faculty</b>	Public Health and Policy
<b>Length of Programme (months)</b>	MSc – Full time = 12 months, Part time = 24 months
<b>Entry Routes</b>	MSc
<b>Exit Routes</b>	MSc/PGDip/PGCert
<b>Award Titles</b>	MSc Public Health (Environment & Health Stream) (180 credits) Exit awards: PGDip Public Health (Environment & Health Stream) (120 credits) PGCert Public Health (60 credits)
<b>Accreditation by Professional Statutory and Regulatory Body</b>	Curriculum validated by the Agency for Public Health Education Accreditation (APHEA). Please refer to <a href="#">the LSHTM Accreditation register</a> for the period of accreditation.
<b>Relevant PGT <a href="#">QAA Benchmark Statement</a> and/or other</b>	No applicable benchmark statement.

<b>external/internal reference points</b>				
<b>Level of programme within the Framework for Higher Education Qualifications (FHEQ)</b>	Masters (MSc) Level 7			
<b>Total Credits</b>	CATS:	180	ECTS:	90
<b>HECoS Code(s)</b>	101317:100270:101307 (1:1:1)			
<b>Mode of Delivery</b>	<p>For 2020-21, the delivery of LSHTM teaching has been adjusted in response to the COVID-19 pandemic.</p> <p>Students may complete the whole 2020/21 MSc programme online or may choose to come to London in anticipation of some face-to-face teaching.</p> <p>For Public Health (all streams): Term 1 core module teaching will be delivered online only, with a combination of synchronous (live and interactive) and asynchronous (recordings, independent study, individual exercises, etc) activities.</p> <p>All terms 2 and 3 modules will be offered online. Certain modules will also have some optional on-campus components. The face to face components may be limited to ensure that UK social distancing rules are adhered to.</p> <p>If at any point during the academic year the UK is forced to go into another period of lockdown, this programme will be delivered using online methods only.</p> <p>Throughout the year there will be programme- and LSHTM-level activities, such as group seminars and a themed lecture series and discussion forums. These</p>			

	will allow students to study the programme safely at a distance but remain together as a community.
<b>Mode and Period of Study</b>	Full time (12 months) or part time/split time (max 24 months)
<b>Cohort Entry Points</b>	Annually in September
<b>Language of Study</b>	English
<b>Re-sit Policy</b>	<a href="https://www.lshtm.ac.uk/sites/default/files/academic-manual-chapter-08a.pdf">https://www.lshtm.ac.uk/sites/default/files/academic-manual-chapter-08a.pdf</a>
<b>Extenuating Circumstances Policy</b>	<a href="https://www.lshtm.ac.uk/sites/default/files/academic-manual-chapter-07.pdf">https://www.lshtm.ac.uk/sites/default/files/academic-manual-chapter-07.pdf</a>
<b>Programme Description</b>	<p>This programme covers the whole breadth of public health, encompassing high-, middle- and low-income countries.</p> <p>On successful completion of the programme, students will receive a Master's degree in Public Health <b>(Environment and Health)</b>.</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>
<b>Date of Introduction of Programme (month/year)</b>	<p>September 2004</p> <p>The last periodic review of the programme stream occurred in 2016-17.</p>
<b>Date of production / revision of this programme specification (month/year)</b>	Extraordinary revisions made in August 2020 in response to Covid-19 mitigation planning

## 2. Programme Aims & Learning Outcomes

### **Educational aims of the programme**

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.

### **Programme Learning Outcomes**

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.

- 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, online or on-campus, through a variety of synchronous (live and interactive) and asynchronous (recordings, independent study, individual exercises, etc) 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. Students will not be required to attend on-campus where assessments can be taken online.

### 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)	Contact hours*
1	AB1	1103	Introduction to Health Economics	Recommended	10	30
1	AB1	1104	Principles of Social Research	Compulsory	10	26
1	AB1	1107	Health Services	Recommended	10	22
1	AB1	1109	Foundations for Health Promotion	Recommended	10	25
1	AB1	1117	Health Policy, Process & Power	Recommended	10	28
1	AB1	1121	Basic Statistics for Public Health & Policy	Compulsory	10	40

1	AB1	1123	Issues in Public Health	Compulsory	10	27
1	AB1	1125	Environment, Health and Sustainable Development	Compulsory	10	30
1	AB1	2001	Basic Epidemiology	Compulsory	10	30
2	C1	1400	Health Care Evaluation	Recommended	15	22
2	C1	1501	Economic Evaluation	Recommended	15	33
2	C1	1803	Sociological Approaches to Health	Recommended	15	40
2	C1	1807	Health Promotion Approaches and Methods	Recommended	15	27
2	C1	2400	Study Design: Writing a Study Proposal	Recommended	15	20
2	C1	2423	Research Design & Analysis	Recommended	15	34
2	C1	3195	Malaria: from science to policy and practice	Recommended	15	46
2	C1	3457	Designing Disease Control Programmes in	Recommended	15	25
2	C2	1402	Conflict & Health	Recommended	15	37
2	C2	1808	Health Systems	Recommended	15	32
2	C2	2402	Statistical Methods in Epidemiology	Recommended	15	38.5
2	C2	2417	Design & Analysis of Epidemiological Studies	Recommended	15	37
2	C2	2436	Population, Poverty & Environment	Recommended	15	17
2	D1	1127	Evaluation of Public Health Interventions	Recommended	15	30

2	D1	1504	Economic Analysis for Health Policy	Recommended	15	45
2	D1	1802	Medical Anthropology and Public Health	Recommended	15	40
2	D1	2407	Epidemiology of Non-Communicable Diseases	Recommended	15	30
2	D1	2459	Current Issues in Maternal & Perinatal Health	Recommended	15	40
2	D1	2472	Social Epidemiology	Recommended	15	40
2	D1	3434	Water, Sanitation and Hygiene, and Health	Recommended	15	68
2	D2	1301	Environmental Epidemiology	Compulsory	15	30
3	E	1300	Environmental Health Policy	Compulsory	15	35

The following optional modules are not available on this programme in 2020/21: *1401 History and Health, 1454 Applied Communicable Disease Control, and 1457 Alcohol, Tobacco and Other Drugs.*

\* 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). These contact hours reflect provision during the 2019/2020 session. We anticipate that in 2020/2021 there will be fewer hours with tutor presence at specified times and a greater emphasis on directed study such as recorded lectures, recommended readings and guided exercises. Please refer to the individual 2020/2021 module specifications for more detail. 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

Entry to the MSc Public Health is highly competitive. Applicants must normally satisfy the LSHTM's general entrance requirements and additional programme-specific entrance requirements to be considered for admission. Applications must be submitted in accordance with the procedures and deadlines given in the web-based or printed prospectus.

In order to be admitted to the MSc Public Health programme at the London School of Hygiene & Tropical Medicine, an applicant must:

a) hold a Bachelor's degree at Upper Second Class Honours grade in a relevant discipline, or another degree of equivalent awarded by an overseas institution recognised by UK Naric or Barrons.

**OR**

b) hold a professional qualification appropriate to the programme of study to be followed obtained by written examinations and judged by the LSHTM to be equivalent to an Upper Second Class Honours Bachelor's degree or above.

**OR**

c) have relevant professional experience or training which is judged by the LSHTM to be equivalent to an Upper Second Class Honours Bachelor's degree or above.

**AND**

satisfy any additional requirements where prescribed for admission to a specific programme

### **Additional information**

The programme requires a high degree of numeracy. It is essential that applicants have studied some mathematics or statistics in post-16 year education.

Preference will be given to applicants with relevant work experience.

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 Tier 4 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 Tier 4 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 Tier 4 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](https://www.lshtm.ac.uk/sites/default/files/english_language_requirements_policy.pdf)