

# 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>	Master of Science (MSc) Control of Infectious Diseases
<b>Programme Director</b>	Matthew Yeo & Lucy Reynolds
<b>Awarding Body</b>	University of London
<b>Teaching Institution</b>	London School of Hygiene & Tropical Medicine
<b>Faculty</b>	Interfaculty
<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 in Control of Infectious Diseases (180 credits) Exit awards: PGDip in Control of Infectious Diseases (120 credits) PGCert in Control of Infectious Diseases (60 credits)
<b>Accreditation by Professional Statutory and Regulatory Body</b>	N/A
<b>Relevant PGT QAA Benchmark Statement and/or other external/internal reference points</b>	N/A
<b>Level of programme within the Framework for Higher Education Qualifications (FHEQ)</b>	Masters (MSc) Level 7

<b>Total Credits</b>	<b>CATS:</b>	180	<b>ECTS:</b>	90
<b>HECoS Code</b>	100265, 101317, 100488 (1:1:1)			
<b>Mode of Delivery</b>	<p>The main part of the programme is taught 'face-to-face' at LSHTM in London. There is also a limited opportunity to take some LSHTM modules via distance learning, as 'blended learning' options.</p> <p>After the end of formal teaching in May, and subsequent examinations in early June, the final part of the programme is a period of up to three months intensive project work. If appropriate, part or the whole of the project period may be spent in a suitable location overseas.</p>			
<b>Mode and Period of Study</b>	Full time (12 months) or part time or 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_8a_2019-20.pdf">https://www.lshtm.ac.uk/sites/default/files/Academic_Manual_Chapter_8a_2019-20.pdf</a>			
<b>Extenuating Circumstances Policy</b>	<a href="https://www.lshtm.ac.uk/sites/default/files/Academic_Manual_Chapter_7_2019-20.pdf">https://www.lshtm.ac.uk/sites/default/files/Academic_Manual_Chapter_7_2019-20.pdf</a>			
<b>Programme Description</b>	<p>This is a multidisciplinary programme that bridges the fields of epidemiology, laboratory sciences and public health. It includes the option of choosing modules with a significant practical component and the opportunity to undertake a research project overseas. The programme will train students in all aspects of the control of infectious diseases and prepare them for a career in a range of organisations.</p> <p>This programme will equip students with specialised skills that will facilitate a career in the control of infectious diseases as staff of health ministries, health departments, national or international disease control agencies, aid organisations or universities.</p> <p>The majority of the research projects are performed overseas, with collaborating public health or research organisations and NGOs. Students are encouraged to take advantage of this overseas opportunity, which is crucial to the nature of the programme.</p>			

<b>Date of Introduction of Programme (month/year)</b>	September 1996
<b>Date of production / revision of this programme specification (month/year)</b>	September 2019

## 2. Programme Aims & Learning Outcomes

<b>Educational aims of the programme</b>
The aim of the programme – consistent with LSHTM's mission to improve health worldwide – is to bridge the disciplines of epidemiology, laboratory sciences and public health and policy. Designed for training and retraining of students who wish to work directly on a multidisciplinary practical approach to the control of infectious diseases. The programme will equip students with specialised skills that will facilitate a career in the control of infectious diseases as staff of health ministries, health departments, national or international disease control agencies, aid organisations or universities.
<b>Programme Learning Outcomes</b>
By the end of the programme, students will able to: <ul style="list-style-type: none"> <li>i) investigate the transmission of endemic and epidemic infections;</li> <li>ii) select appropriate methods of control;</li> <li>iii) design, implement and evaluate co-ordinated control methods;</li> <li>iv) assess constraints of local public health delivery systems;</li> <li>v) manage available resources in the context of the control of infectious diseases; and</li> <li>vi) focus their efforts on particular geographical regions or specific diseases.</li> </ul> <p>For further information, please see <a href="http://www.lshtm.ac.uk/study/masters/mscid.html">www.lshtm.ac.uk/study/masters/mscid.html</a>.</p>

**Learning and Teaching Strategy**

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

**Assessment Strategy**

The programme is assessed through individual module assessments (which may include essays, other written coursework, short written exams, practical exams, group work, presentations or other methods), formal summer exams, and a research-based project report. 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

Students will have the choice in Term 1 to study either the Basic Epidemiology-led route or the Extended Epidemiology-led route, as explained in the tables below. Terms 2 and 3 remain the same on both routes.

#### With Basic Epidemiology (2001)

Full-time Masters	Term 1	Term 2	Term 3	Total Credits
Compulsory Modules	5			65
Recommended Modules		5 across Terms 2 and 3		75
Project			1	45

#### With Extended Epidemiology (2007)

Full-time Masters	Term 1	Term 2	Term 3	Total Credits
Compulsory Modules	4			60
Recommended Modules		5 across Terms 2 and 3		75
Project			1	45

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
<b>Either</b>						
1	AB1	2001	Basic Epidemiology	Compulsory	10	30
1	AB1	1121	Basic Statistics for Public Health & Policy	Compulsory	10	40
1	AB1	3125	Introduction to Disease Agents & Their Control	Compulsory	25	120
1	AB1	1103	Introduction to Health Economics	Compulsory	10	30
1	AB1	1117	Health Policy, Process & Power	Compulsory	10	28
<b>Or</b>						
1	AB1	2007	Extended Epidemiology	Compulsory	15	52

1	AB1	1121	Basic Statistics for Public Health & Policy	Compulsory	10	40
1	AB1	3125	Introduction to Disease Agents & Their Control	Compulsory	25	120
1	AB1	1103	Introduction to Health Economics	Compulsory <b>(Option*)</b>	10	30
1	AB1	1117	Health Policy, Process & Power	Compulsory <b>(Option*)</b>	10	28
* Students taking <i>Extended Epidemiology</i> (2007) choose either <i>Introduction to Health Economics</i> (1103) or <i>Health Policy, Process and Power</i> 1117.						
2	C1	3457	Designing Disease Control Programmes in Developing Countries	Recommended	15	25
2	C1	3195	Malaria: From Science to Policy and Practice	Recommended	15	46
2	C1	1400	Health Care Evaluation	Recommended	15	22
2	C2	3157	Clinical Bacteriology 1	Recommended	15	52
2	C2	1402	Conflict and Health	Recommended	15	37
2	C2	2417	Design & Analysis of Epidemiological Studies	Recommended	15	37
2	C2	2436	Population, Poverty and Environment	Recommended	15	17
2	C2	2402	Statistical Methods in Epidemiology	Recommended	15	38.5
2	D1	1454	Applied Communicable Disease Control	Recommended	15	21
2	D1	3192	Control of Sexually Transmitted Infections	Recommended	15	30-35
2	D1	2459	Current Issues in Maternal & Perinatal Health	Recommended	15	40
2	D1	1504	Economic Analysis for Health Policy	Recommended	15	45
2	D1	1802	Medical Anthropology and Public Health	Recommended	15	40
2	D1	3135	Spatial Epidemiology in Public Health	Recommended	15	50

2	D1	3434	Water, Sanitation and Hygiene, and Health	Recommended	15	68
2	D1	3141	Vector Sampling, Identification & Incrimination	Recommended	15	66
2	D2	3165	Clinical Bacteriology 2	Recommended	15	52
2	D2	2437	Epidemiology & Control of Communicable Diseases	Recommended	15	63
3	E	3174	HIV	Recommended	15	60
3	E	3198	Applying Public Health Principles in Developing Countries	Recommended	15	44
3	E	3176	Integrated Vector Management	Recommended	15	56
3	E	3465	Neglected Tropical Diseases	Recommended	15	60

## 4. Entry Requirements

### Criteria for admission

#### General entrance requirements

Applicants must normally satisfy 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 a postgraduate taught degree programme of the London School of Hygiene & Tropical Medicine, an applicant must:

- a) hold a first degree at Second Class Honours standard in a relevant discipline, a degree in medicine at the same standard, 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 a Second Class Honours degree or above.

**OR**

- c) have relevant professional experience or training which is judged by the LSHTM to be equivalent to a Second Class Honours degree or above.

**AND**

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

Medical students wishing to intercalate the MSc programme into their medical training are considered. Applications with an appropriate technical qualification or equivalent qualification and experience from overseas, are also welcomed.

Some prior public health/overseas experience or proof of commitment is highly advantageous and should be indicated in the application but is not an absolute prerequisite for entry to the programme

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)