

PROGRAMME SPECIFICATION



1. Overview

Academic Year (student cohorts covered by specification)	2020-21
Programme Title	Control of Infectious Diseases
Programme Director	Matthew Yeo & Lucy Reynolds
Awarding Body	University of London
Teaching Institution	London School of Hygiene & Tropical Medicine
Faculty	Interfaculty
Length of Programme (months)	MSc - Full time = 12 months, Split Study Part time = 24 months
Entry Routes	MSc
Exit Routes	MSc/PGDip/PGCert
Award Titles	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)
Accreditation by Professional Statutory and Regulatory Body	N/A
Relevant PGT QAA Benchmark Statement and/or other external/internal reference points	N/A
Level of programme within the Framework for Higher Education Qualifications (FHEQ)	Masters (MSc) Level 7

Total Credits	CATS:	180	ECTS:	90
HECoS Code	100265, 101317, 100488 (1:1:1)			
Mode of Delivery	<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 MSc Control of Infectious Diseases: 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 will allow students to study the programme safely at a distance but remain together as a community.</p>			
Mode and Period of Study	Full time (12 months) or part time or 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	<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 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>
Date of Introduction of Programme (month/year)	September 1996
Date of production / revision of this programme specification (month/year)	Extraordinary revisions made in August 2020 in response to Covid-19 mitigation planning

2. Programme Aims & Learning Outcomes

Educational aims of the programme
<p>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.</p>

Programme Learning Outcomes

By the end of the programme, students will be able to:

- i) investigate the transmission of endemic and epidemic infections;
- ii) select appropriate methods of control;
- iii) design, implement and evaluate co-ordinated control methods;
- iv) assess constraints of local public health delivery systems;
- v) manage available resources in the context of the control of infectious diseases; and
- vi) focus their efforts on particular geographical regions or specific diseases.

For further information, please see

www.lshtm.ac.uk/study/masters/mscid.html.

Learning and Teaching Strategy

The programme is taught online or on-campus using a variety of synchronous (live and interactive) and asynchronous (recordings, independent study, individual exercises, etc) teaching methods including: lectures, small group seminars, case studies, practicals 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.

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 and practicable, part or the whole of the project period may be spent in a suitable location overseas.

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.

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

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. **Please be aware that depending on the Covid-19 restrictions in place at that time, Term 2 and 3 lab-based optional modules (indicated with ***) may not be available.**

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*
Either						
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
Or						

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 (Option*)	10	30
1	AB1	1117	Health Policy, Process & Power	Compulsory (Option*)	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	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	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	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	D2	2437	Epidemiology & Control of	Recommended	15	63

			Communicable Diseases			
3	E	3174	HIV	Recommended	15	60
3	E	3198	Applying Public Health Principles	Recommended	15	44
3	E	3465	Neglected Tropical Diseases	Recommended	15	60
<i>*** depending on the Covid-19 restrictions in place at that time, the following Term 2 and 3 lab-based optional modules may not be available.</i>						
2 ***	C2	3157	Clinical Bacteriology 1	Recommended	15	52
2 ***	D1	3141	Vector Sampling, Identification & Incrimination	Recommended	15	66
2 ***	D2	3165	Clinical Bacteriology 2	Recommended	15	52
3 ***	E	3176	Integrated Vector Management	Recommended	15	56

The following optional module is not available on this programme in 2020/21:
1454 Applied Communicable Disease Control.

*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

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