



## PROGRAMME SPECIFICATION

### 1. Overview

<b>Academic Year (student cohorts covered by specification)</b>	2020-21
<b>Programme Title</b>	Tropical Medicine and International Health
<b>Programme Director</b>	Robin Bailey
<b>Awarding Body</b>	University of London
<b>Teaching Institution</b>	London School of Hygiene & Tropical Medicine
<b>Faculty</b>	Infectious and Tropical Diseases
<b>Length of Programme (months)</b>	MSc - Full time = 12 months, Split study = 24 months
<b>Entry Routes</b>	MSc
<b>Exit Routes</b>	MSc/PGDip/PGCert
<b>Award Titles</b>	MSc in Tropical Medicine and International Health (180 credits) Exit awards: PGDip Tropical Medicine and International Health (120 credits) PGCert Tropical Medicine, Parasitology and Public Health (60 credits)
<b>Accreditation by Professional Statutory and Regulatory Body</b>	No accreditation
<b>Relevant PGT <a href="#">QAA Benchmark Statement</a> and/or other external/internal reference points</b>	No relevant PGT QAA benchmark for this MSc Programme.

<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>	100267:100271:100265 (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>For MSc Tropical Medicine and International Health: Term 1 core module teaching will be taught via a blended learning approach. Lectures will be delivered using a combination of asynchronous (recorded) and synchronous (live and interactive) activities. The practical element of the module will be delivered on campus in a 5 week block (from 2 November 2020).</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>			
<b>Mode and Period of Study</b>	Full time (12 months) or split study (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>	This programme aims to develop the careers of doctors whose interest is the practice of medicine in tropical and low- and middle-income countries. It aims to enhance evidence-based decision making in tropical medicine, international health, and the underpinning disciplines through a wide choice of modules including small group clinically focused teaching.
<b>Date of Introduction of Programme (month/year)</b>	The last periodic review of the programme occurred in 2017-18.
<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 worldwide – is to develop the careers of doctors whose interest is the practice of medicine in tropical and developing countries. The programme aims to provide training in clinical tropical medicine and its related disciplines focusing on knowledge, perspectives and skills in evidence-based decision making relevant to the practice of medicine in tropical and low and middle income countries.

### **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 understanding of the causation, pathogenesis, clinical features, diagnosis, management, and control of the major parasitic, bacterial, and viral, and non-communicable diseases affecting tropical and developing countries
- ii. Demonstrate a critical understanding of the evidence base of tropical medicine and disease control in developing countries and of its application in the practice of evidence-based tropical medicine and disease control
- iii. Demonstrate understanding and skills in diagnostic parasitology microbiology and entomology through the selection of appropriate testing methods and the preparation and examination of biological specimens for identification of common parasitic and bacterial pathogens and associated vectors
- iv. Demonstrate understanding of the application of basic epidemiological principles, including selecting an appropriate study design to address a given clinical or public health problem
- v. Demonstrate understanding of the selection application and interpretation statistical methods in the analysis of quantitative data
- vi. Demonstrate ability to analyse and synthesise research findings for clinical and disease control decision making (in areas including

assessment diagnosis, test selection treatment, prognosis and control) and to critically evaluate their effects

- vii. Demonstrate understanding of the key contribution of clinical trials to the evidence base of tropical medicine and international health, and of how such trials are designed, conducted, analyzed and reported
- viii. Demonstrate ability to synthesise and communicate relevant medical knowledge and principles at an appropriate level to patients, health care professionals, colleagues and other groups
- ix. Demonstrate understanding of the role of basic and applied research underpinning clinical and international public health practice, at an appropriate level depending on the individual student's choice of modules

### **Teaching and Learning Strategy**

The programme is taught online and on-campus using a variety of synchronous (live and interactive) and asynchronous (recordings, independent study, individual exercises, etc) methods including: lectures, small group seminars, practicals and group work with peers. Students are expected to learn through both directed and self-directed study.

### **Assessment Strategy**

The programme is assessed through module assessments (which may include essays, other written coursework, short written exams, practical exams, group work, presentations or other methods), in-course assessments during Term 1, written assessments during the week before the start of Term 2 and a project report. Such tasks are designed to assess, via the most appropriate method, whether learning objectives have been met. Information, subject material and teaching examples are shared via MOODLE (online learning technology/teaching resource) and an informal WhatsApp group for clinical case discussions.

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

Full-time Masters	Term 1	Term 2	Term 3	Total Credits
Compulsory Modules	1			60
Recommended Modules		4	1	75
Projects				45

Whilst some popular choices for Term 2 and Term 3 modules are listed as 'Recommended' below, in practice MSc TMIH students can select from almost the entire LSHTM module portfolio (including the option for eligible students to substitute modules only available by Distance Learning). Some choices may require advice from, or consultation with, the Programme Director. **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.**

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	3463	Tropical Medicine, Parasitology and Public Health	Compulsory	60	450
2	C1	3195	Malaria: From Science to Policy and Practice	Recommended	15	46
2	C2	1402	Conflict & Health	Recommended	15	37
2	C2	2417	Design & Analysis of Epidemiological Studies	Recommended	15	37
2	D1	3192	Control of Sexually Transmitted Infections	Recommended	15	30-35
2	D1	2407	Epidemiology of Non-	Recommended	15	30

			Communicable Diseases			
2	D1	1127	Evaluation of Public Health Interventions	Recommended	15	30
2	D2	2437	Epidemiology of Infectious Diseases	Recommended	15	63
2	D2	3189	Ethics, Public Health & Human Rights	Recommended	15	30
2	D2	3461	Global Disability and Health	Recommended	15	42
2	D2	3177	Immunology of Parasitic Infection	Recommended	15	32
3	E	3198	Applying Public Health Principles	Recommended	15	44
3	E	3174	HIV	Recommended	15	60
3	E	3465	Neglected Tropical Diseases	Recommended	15	60
3	E	3191	Vaccine Immunology	Recommended	15	55

2 **	C1	3187	Clinical Virology	Recommended	15	48
2 **	C2	3157	Clinical Bacteriology 1	Recommended	15	52
2 **	D2	3165	Clinical Bacteriology 2	Recommended	15	52
3 **	E	3169	Antimicrobial Chemotherapy	Recommended	15	48
3 **	E	3130	Mycology	Recommended	15	62

The following optional modules are not available on this programme in 2020/21: *1454 Applied Communicable Disease Control and 3462 Practical Research Skills.*

\* 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 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 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 (see below)

Additional requirements for the MSc Tropical Medicine & International Health are:

a) students must have a degree in medicine and be registered medical practitioners

b) students are normally practising doctors: candidates who have a minimum of two years of experience working in clinical medicine (in any country) with recent professional experience in a relevant discipline will be given preference

Accreditation of prior learning

Students who have already obtained a PDTM&H or PDTM&H (EA) from the LSHTM in the last five years may apply for recognition of this prior learning (RPL), and may be granted exemption from term one teaching on an individual basis. Consideration may be given to RPL of equivalent courses, where

evidence of alignment of syllabus and content with the PDTM&H can be provided.

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 C**

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)