

# PROGRAMME SPECIFICATION

## 1. Overview

<b>Academic Year (student cohorts covered by specification)</b>	2024-25
<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>	<b>CATS:</b> 180 <b>ECTS:</b> 90
<b>HECoS Code(s)</b>	100267:100271:100265 (1:1:1)
<b>Mode of Delivery</b>	This programme is based at LSHTM in London and delivered by predominantly face-to-face teaching modes.
<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>	<p>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.</p> <p>In Term 1 students study the core module Tropical Medicine Parasitology and Public Health which reflects closely the PDTMH syllabus and leads to the LSHTMs PDTMH qualification. In Term 2 we offer an extensive choice of modules and students are guided in their choice by their personal tutors to build a coherent package to suit their career needs and intended path through the School. TMIH students have at least two years' experience of practising medicine in diverse environments. We see this experience as a rich resource and in Term 1 a series of seminars is</p>

	<p>organised in which students learn from one another through presentations and themed discussions on their professional experience. Our students write a research report which addresses a research question relating to tropical medicine and international health in a low- or middle-income country, through primary research, the analysis of data, a literature review, a policy report, by writing a research proposal or by preparing educational material. From 2023-2024 we will include a field trip to the annual April ECCMID conference in a major European city with the aim of enhancing group identity and exposing students to the ways in which research is conceived, conducted and presented with a variety of career building. mentorship and education opportunities. In April 2024 this conference is planned to be in Barcelona</p>
<p><b>Date of Introduction of Programme (month/year)</b></p>	<p>The last periodic review of the programme occurred in 2017-18.</p>
<p><b>Date of production / revision of this programme specification (month/year)</b></p>	<p>July 2022</p>

## 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 through a variety of teaching 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	<b>Total Credits</b>
Compulsory Modules	1			<b>60</b>
Recommended Modules		4	1	<b>75</b>
Project			1	<b>45</b>

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. The

Programme Director recognises that TMIH students come with diverse experience and perspectives and a wide range of module choices (additional to those listed) is supported, provided entry criteria are met.

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>

<b>Term</b>	<b>Slot</b>	<b>Module Code</b>	<b>Module Title</b>	<b>Module Type (compulsory or recommended)</b>	<b>Credits (CATS)</b>
1	AB1	3463	Tropical Medicine, Parasitology and Public Health	Compulsory	60
2	C1	3195	Malaria: From Science to Policy and Practice	Recommended	15
2	C1	3187	Clinical Virology	Recommended	
2	C1	2440	Maternal & Child Nutrition	Recommended	15
2	C1	3462	Practical Research Skills	Recommended	15
2	C2	1402	Conflict & Health	Recommended	15
2	C2	1700	Qualitative Methodologies	Recommended	15
2	C2	2417	Design & Analysis of Epidemiological Studies	Recommended	15
2	C2	3157	Clinical Bacteriology 1	Recommended	15
2	D1	1454	Applied Communicable Disease Control	Recommended	15
2	D1	3192	Control of Sexually Transmitted Infections	Recommended	15
2	D1	2407	Epidemiology of Non-Communicable Diseases	Recommended	15
2	D1	1127	Evaluation of Public Health Interventions	Recommended	15
2	D1	2459	Current Issues in Maternal and Perinatal Health	Recommended	15
2	D2	2437	Epidemiology of Infectious Diseases	Recommended	15

2	D2	3189	Ethics, Public Health & Human Rights	Recommended	15
2	D2	3461	Global Disability and Mental Health	Recommended	15
2	D2	3165	Clinical Bacteriology 2	Recommended	15
2	D2	3177	Immunology of Parasitic Infection	Recommended	15
3	E	3198	Applying Public Health Principles	Recommended	15
3	E	3174	HIV	Recommended	15
3	E	3465	Neglected Tropical Diseases	Recommended	15
3	E	3191	Vaccine Immunology	Recommended	15
3	E	3169	Novel Drug Discovery & Antimicrobial Resistance	Recommended	15
3	E	3130	Mycology	Recommended	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. 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 \(2011\)](#). 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

Please refer to the programme's entry requirements [here](#).