# Module Specification

## ABOUT THIS DOCUMENT

This module specification applies for the academic year 2018-19  
**Last revised** 30 August 2018 by Robin Bailey and David Moore

London School of Hygiene & Tropical Medicine, Keppel St., London WC1E 7HT.  
[www.lshtm.ac.uk](http://www.lshtm.ac.uk)

## GENERAL INFORMATION

<table>
<thead>
<tr>
<th>Module name</th>
<th>Tropical Medicine, Parasitology and Public Health</th>
</tr>
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<tbody>
<tr>
<td>Module code</td>
<td>3463</td>
</tr>
<tr>
<td>Module Organisers</td>
<td>Professor Robin Bailey and Professor David Moore</td>
</tr>
<tr>
<td>Contact email</td>
<td><a href="mailto:robin.bailey@lshtm.ac.uk">robin.bailey@lshtm.ac.uk</a> or <a href="mailto:david.moore@lshtm.ac.uk">david.moore@lshtm.ac.uk</a></td>
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<tr>
<td>Home Faculty</td>
<td>Faculty of Infectious &amp; Tropical Diseases</td>
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<tr>
<td>Credit</td>
<td>This module is weighted as equivalent to 60 credits. Credits are awarded for this module on successful completion of two in-module assessment tasks and the final module assessment, which assess the content of this module within the MSc.</td>
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<tr>
<td>Accreditation</td>
<td>Not currently accredited by any other body as a module.</td>
</tr>
<tr>
<td>Keywords</td>
<td>Bacteriology, Parasitology, Virology, Infectious Diseases, Public Health,</td>
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## AIMS, OBJECTIVES AND AUDIENCE

**Overall aim**  
To provide medical doctors with the skills required to understand, diagnose, treat and prevent diseases that are especially prevalent in tropical and low resource countries.

**Intended learning outcomes**  
By the end of this module, students should be able to:

- Compare and contrast the management of communicable and non-communicable diseases in different contexts;
- Critically evaluate the evidence for public health interventions in resource-limited settings;
- Prepare and examine biological specimens for identification of common parasitic and bacterial pathogens and associated vectors;
- Demonstrate understanding of the biology and the life cycles of the major pathogens and of their vectors or intermediate hosts;
- Demonstrate understanding of the pathogenesis and pathology of the major tropical diseases;
- Appreciate the epidemiology of the major tropical infections;
- Interpret and apply basic epidemiological and statistical methods;
- Appreciate methods available for chemotherapy and control of tropical infectious diseases;
- Be able to communicate knowledge and understanding as appropriate to target audiences of different kinds.

**Target audience**

This module is intended specifically for students on the MSc Tropical Medicine and International Health.

**CONTENT**

**Session content**

Lectures cover the causative organisms, epidemiology, pathogenesis, clinical features, diagnosis, management and prevention and control of tropical diseases. Time is set aside after each lecture for discussion. Implications for travel medicine are discussed where appropriate.

Other seminars focus on aspects of community public health. These include an introduction to epidemiological methods used in the study of communicable diseases, and lectures on water supply, sanitation and nutrition.

Seminars are also held on maternal and child health, non-communicable disease, population and reproductive health and mental health.

**TEACHING, LEARNING AND ASSESSMENT**

**Study resources provided or required**

A timetable, module description, lecture notes and reading lists are provided for each lecture on Moodle. Practical handbooks are provided for the Parasitology and Entomology lab sessions. Relevant texts for this module are available from the School library.

**Teaching and learning methods**

Much of the programme is devoted to seminars, in which a multi-disciplinary team of experts from within and outside the School covers a particular disease or group of diseases in depth.

The equivalent of one full day per week is devoted to parasitology teaching. Lectures are followed by hands-on practicals in which the laboratory diagnosis of all the major parasitic diseases is taught.

Clinical activities include problem-based teaching, small group discussions and case presentations of "paper cases" often derived from cases seen at the Hospital for Tropical Diseases.

**Assessment details**

The module will be assessed by two in-module assessment tasks (25% each) and a final unseen written assessment (50%). The in-module assessment tasks will be of various types which may include individual tasks (such as evidence reviews, essays, preparing educational material, posters or presentations), structured tasks (for example an unseen written assessment or multiple choice answer exam), collective tasks (such as groupwork) or combinations of the above. The final unseen written assessment may include similar structured or practical tasks, The nature and timing of the in-module assessments will be notified by the Module Organisers at the start of Term 1. The final unseen written assessment will...
be during the week before the start of Term 2.

**Assessment dates**

Assessment dates and hand in times for module tasks will be published at the start of the module.
For students who are required to re-sit, or granted a deferral or new attempt at either of the two in-module assessment tasks or the final unseen written assessment, the next examination date will be at the start of Term 3 of the same academic year.

**Language of study and assessment**

English (please see ‘English language requirements’ below regarding the standard required for entry).

### TIMING AND MODE OF STUDY

**Duration**

Students study full time for 12 weeks (three months), comprising 600 notional learning hours.

**Dates**

September – December 2018

**Timetable slot**

Term 1

**Mode of Study**

The module is taught face-to-face in London. Part time study is not available.

**Learning time**

The notional learning time for the module totals 600 hours, consisting of:

- Clinical and practical work ≈ 150 hours
- Large group lectures ≈ 150 hours
- Small group seminars ≈ 150 hours
- Private study ≈ 150 hours

### APPLICATION, ADMISSION AND FEES

**Pre-requisites**

As for the MSc TMIH, the module is open to doctors who hold a medical qualification from a recognised medical school in any country and are registered to practice medicine by their national regulatory authority. Preference will normally be given to doctors who have several years’ experience in clinical practice.

**English language requirements**

A strong command of the English language is necessary to benefit from studying the module. Applicants whose first language is not English or whose prior university studies have not been conducted wholly in English must fulfil LSHTM’s [English language requirements](#), with an acceptable score in an approved test taken in the two years prior to entry. Applicants may be asked to take a test even if the standard conditions have been met.

**Student numbers**

30 (numbers may be capped due to limitations in facilities or staffing)

**Student selection**

Preference will be given to LSHTM MSc students. Other applicants meeting the entry criteria will normally apply for the Professional Diploma in Tropical Medicine and Hygiene with which this module shares teaching content.

**Fees**

For registered LSHTM MSc students, fees for the module are included within MSc fees (given on individual course [prospectus pages](#)).
If registering specifically for this module, as a [stand-alone short course](#),
individual module fees will apply. Tuition fees must be paid in full before commencing the module, or by any fee deadline set by the Registry.

| Scholarships | Scholarships are not available for individual modules. Some potential sources of funding are detailed on the LSHTM website. |