

1. Overview

Academic Year (student cohorts covered by specification)	2019-20			
Programme Title	Medical Entomology for Disease Control			
Programme Director	Matthew Rogers			
Awarding Body	University of London			
Teaching Institution	London School of Hygiene & Tropical Medicine			
Faculty	Infectious and Tropical Diseases			
Length of Programme (months)	MSc – Full time = 12 months, Part time = 24 months Exit awards: PGDip – Full time = 8 months, Part time = 16 months PGCert – Full time = 4 months, Part time = 8 months			
Entry Routes	MSc			
Exit Routes	MSc/PGDip/PGCert			
Award Titles	MSc Medical Entomology for Disease Control (180 credits) Exit awards: PGDip Medical Entomology for Disease Control (120 credits) PGCert Parasitology & Entomology (60 credits)			
Accreditation by Professional Statutory and Regulatory Body	N/A			
Relevant PGT QAA Benchmark Statement and/or other external/internal reference points	No relevant PGT QAA benchmark for this MSc Programme.			
Level of programme within the Framework for Higher Education Qualifications (FHEQ)	Masters (MSc) Level 7			
Total Credits	CATS:	180	ECTS:	90
HECoS Code	To be confirmed			
Mode of Delivery	The programme is taught 'face-to-face' at LSHTM in London.			
Mode and Period of Study	Full time (12 months) or part time/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/Resits_Policy_Policy_Procedure.pdf
Extenuating Circumstances Policy	https://www.lshtm.ac.uk/edu/taughtcourses/exams_assmt_staff/extenuating_circumstances_policy.pdf
Programme Description	This programme combines theoretical and practical training in biology and control of disease vectors and the human pathogens they transmit. Students will gain specialised skills in the molecular biology of infectious diseases, and will cover all aspects of major vector-borne diseases. The course also offers a thorough grounding in the systematics of medically important arthropods, processes regulating vector populations, and the biology of vector–parasite and vector–vertebrate interactions.
Date of Introduction of Programme (month/year)	The last periodic review of the programme occurred in 2014-15.
Date of production / revision of this programme specification (month/year)	July 2018

2. Programme Aims & Learning Outcomes

Educational aims of the programme
The aim of the programme – consistent with LSHTM’s mission to improve health worldwide – is to provide training in the theoretical and practical aspects of the biology and control of disease vectors as well as the human pathogens that they transmit, and equip students with specialised skills to facilitate careers in operational control and research.

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.
<ul style="list-style-type: none"> (i) demonstrate advanced knowledge and understanding of the biology of vectors and intermediate hosts of human pathogens together with methods for their control; (ii) describe the biology, life cycles, pathogenesis and diagnosis of parasitic infections in humans and relate these to human health and disease control strategies; (iii) demonstrate a range of specialised technical and analytical skills relevant to vectors and vector borne diseases, e.g. sampling, identification dissection, diagnostics, experimental design, data analysis, control technologies and strategies; (iv) design and carry out a small research project on the biology or control of disease vectors, analyse and interpret the results and prepare a written report including a critical literature review; (v) design, carry out and evaluate vector control interventions using the specialised knowledge and skills mentioned above; and (vi) show competence, both written and verbal, in communicating scientific information and findings.
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. In addition, there is a compulsory one week field course. 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, groupwork, presentations or other methods), a programme-specific practical exam in Term 1, written assessments during the week before the start of Term 2, and a project report. Details of these are provided in the Reader/Handbook for any particular module. 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:

Guidance Note: Example modules and structures are provided below for guidance and should be replaced with your own compulsory or recommended modules and structure. **Please do not insert optional modules as these cannot be guaranteed.**

Full-time Masters	Term 1	Term 2	Term 3	Total Credits
Compulsory Modules	2	1	1	90
Recommended Modules		3		45
Project			1	45

Any optional (i.e. recommended non-compulsory) modules listed are indicative and may change from year to year for reasons including staff availability, student demand, and enhancements to programmes as part of ongoing review. <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	3196	Analysis & Design of Research Studies	Compulsory	10	30
1	AB1	3122	Parasitology & Entomology	Compulsory	50	122
2	C1	3195	Epidemiology & Control of Malaria	Recommended	15	46
2	C2	3143	Advanced Diagnostic Parasitology	Recommended	15	48
2	D1	3141	Vector Sampling, Identification & Incrimination	Compulsory	15	63
2	D2	3166	Vector Biology & Vector Parasite Interaction	Recommended	15	40
3	E	3176	Integrated Vector Management	Compulsory	15	56

4: Entry Requirements

Criteria for admission
<p>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.</p> <p>In order to be admitted to a postgraduate taught degree programme of the London School of Hygiene & Tropical Medicine, an applicant must:</p> <p>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.</p> <p>OR</p> <p>b) hold a professional qualification appropriate to the programme of study to be followed obtained by written examinations and judged by the School to be equivalent to a Second Class Honours degree or above.</p> <p>OR</p> <p>c) have relevant professional experience or training which is judged by the School to be equivalent to a Second Class Honours degree or above.</p> <p>AND</p> <p>satisfy any additional requirements where prescribed for admission to a specific programme.</p>

An additional preferred requirement for the MSc Medical Entomology for Disease Control is an interest in medical entomology, public health and disease control.

For further information, please see

https://www.lshtm.ac.uk/sites/default/files/PGT_Admissions_Policy.pdf

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 School.

As part of the application process, applicants are required to demonstrate how they meet the School'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 School 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 School'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/files/english-language-requirements.pdf>