



PROGRAMME SPECIFICATION

1. Overview

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| Academic Year (student cohorts covered by specification) | 2021-22 |
| 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 | Our ambition is to open our London campus for as much activity as possible but are mindful that the outbreak of |

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| | <p>COVID-19 is unprecedented and has the potential to influence the delivery of education around the world for some time to come. We will monitor the pandemic and associated Government restrictions carefully and adjust our plans accordingly.</p> <p>As part of our response to the ongoing pandemic LSHTM developed a flexible learning model allowing a switch between face-to-face and digital delivery as circumstances dictate.</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.</p> |
| Date of Introduction of Programme (month/year) | September 1996 |
| Date of production / revision of this programme specification (month/year) | December 2020 |

2. Programme Aims & Learning Outcomes

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| Educational aims of the programme |
| 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. |
| 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 through a variety of 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. |

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.

With Basic Epidemiology (2001)

| Full-time Masters | Term 1 | Term 2 | Term 3 | Total Credits |
|---------------------|--------|-----------------------|--------|---------------|
| Compulsory Modules | 5 | | | 65 |
| Recommended Modules | | 5 across Term 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 Term 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) |
|---|------|-------------|--|---|----------------|
| Either | | | | | |
| 1 | AB1 | 2001 | Basic Epidemiology | Compulsory | 10 |
| 1 | AB1 | 1121 | Basic Statistics for Public Health & Policy | Compulsory | 10 |
| 1 | AB1 | 3125 | Introduction to Disease Agents & Their Control | Compulsory | 25 |
| 1 | AB1 | 1103 | Introduction to Health Economics | Compulsory | 10 |
| 1 | AB1 | 1117 | Health Policy, Process & Power | Compulsory | 10 |
| Or | | | | | |
| 1 | AB1 | 2007 | Extended Epidemiology* | Compulsory | 15 |
| 1 | AB1 | 1121 | Basic Statistics for Public Health & Policy | Compulsory | 10 |
| 1 | AB1 | 3125 | Introduction to Disease Agents & Their Control | Compulsory | 25 |
| 1 | AB1 | 1103 | Introduction to Health Economics | Compulsory (Option*) | 10 |
| 1 | AB1 | 1117 | Health Policy, Process & Power | Compulsory (Option*) | 10 |
| * 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. | | | | | |

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|---|----|------|---|-------------|----|
| 2 | C1 | 3457 | Designing Disease Control Programmes | Recommended | 15 |
| 2 | C1 | 3195 | Malaria: From Science to Policy and Practice | Recommended | 15 |
| 2 | C1 | 1400 | Health Care Evaluation | Recommended | 15 |
| 2 | C2 | 1402 | Conflict and Health | Recommended | 15 |
| 2 | C2 | 2417 | Design & Analysis of Epidemiological Studies | Recommended | 15 |
| 2 | C2 | 2436 | Population, Poverty and Environment | Recommended | 15 |
| 2 | C2 | 2402 | Statistical Methods in Epidemiology | Recommended | 15 |
| 2 | C2 | 3157 | Clinical Bacteriology 1 | Recommended | 15 |
| 2 | D1 | 3141 | Vector Sampling, Identification & Incrimination | Recommended | 15 |
| 2 | D1 | 3192 | Control of Sexually Transmitted Infections | Recommended | 15 |
| 2 | D1 | 2459 | Current Issues in Maternal & Perinatal Health | Recommended | 15 |
| 2 | D1 | 1504 | Economic Analysis for Health Policy | Recommended | 15 |
| 2 | D1 | 1802 | Medical Anthropology and Public Health | Recommended | 15 |
| 2 | D1 | 3135 | Spatial Epidemiology in Public Health | Recommended | 15 |
| 2 | D1 | 3434 | Water, Sanitation and Hygiene, and Health | Recommended | 15 |
| 2 | D2 | 2437 | Epidemiology & Control of Communicable Diseases | Recommended | 15 |
| 2 | D2 | 3165 | Clinical Bacteriology 2 | Recommended | 15 |
| 3 | E | 3174 | HIV | Recommended | 15 |
| 3 | E | 3176 | Integrated Vector Management | Recommended | 15 |
| 3 | E | 3198 | Applying Public Health Principles | Recommended | 15 |
| 3 | E | 3465 | Neglected Tropical Diseases | 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. 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). Online contact time is always characterised by personalised tutor presence and input within a specified time-frame. 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 \(2011\) 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 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 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 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