

Programme Specification – MSc Control of Infectious Diseases

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| <p>Title and name of final award(s) Master of Science (MSc) Control of Infectious Diseases</p> | |
| <p>Level of the programme(s) 'M' Masters</p> | <p>For further information, please refer to the Framework for HE Qualifications in England, Wales & Northern Ireland: http://www.qaa.ac.uk/academicinfrastructure/FHEQ/EWNI/default.asp</p> |
| <p>Relevant QAA subject benchmark Not applicable</p> | |
| <p>Awarding body University of London</p> | <p>http://www.lon.ac.uk/</p> |
| <p>Registering body London School of Hygiene and Tropical Medicine (the School)</p> | |
| <p>Lead college London School of Hygiene and Tropical Medicine (the School)</p> | <p>Certificates awarded for the degree will state the following: {Name} having completed the approved course of study and passed the examinations has this day been admitted by London School of Hygiene and Tropical Medicine to the University of London Degree of MSc Control of Infectious Diseases.</p> |
| <p>Accreditation by professional or statutory body (if applicable) Not accredited by any other body</p> | |

| Language of study and assessment English | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Mode of study Taught course (face-to-face) programme at the School in London. However there is a limited opportunity to take some modules by Distance Learning via the Blended Learning programme. | | | For further information, please visit the Masters' Prospectus: http://www.lshtm.ac.uk/prospectus/masters/masters.html | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Programme structures and requirements The programme is split into three components with Modules being taught over three terms accounting for 40% of the overall grade; Examinations in June accounting for 30% of the overall grade; and a Project Report written up over the summer accounting for 30% of the overall grade. Each component is marked using a Grade Point Average (GPA) scheme with a pass threshold of 2.0. Students may attain one of the following three classifications: Fail (0.0 - 1.99), Pass (2.0 – 4.29) and Distinction (4.50 – 5.0). 4.30-4.49 is a Pass with review to consider possible Distinction. Modules Modules are taken over all three terms (T1, T2 and T3) and are either compulsory (core modules), recommended (obvious choices highly relevant to the course) or optional (alternative modules). | | | For further information on the programme structure, please refer to: http://www.lshtm.ac.uk/prospectus/masters/mscid.html For further information, please refer to the School's Marking Scheme: http://intra.lshtm.ac.uk/registry/regulations/taught_regulations/msc_marking_scheme_except_biology_and_control_of_disease_vectors_medical_parasitology_and_tropical_medicine_and_international_health_.pdf For more information on module choice, please refer to either your Course Handbook or the 'Purple' Handbook of Modules: http://www.lshtm.ac.uk/prospectus/msc_module_handbook/ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | & Middle Income Countries (T2) | (T2) | |
| | Statistical Methods in Epidemiology (T2) | Qualitative Methodologies (T2) | |
| | Designing Disease Control Programmes in Developing Countries (T2) | Childhood Eye Disease and Ocular Infections (T2) | |
| | Epidemiology & Control of Communicable Diseases (T2) | Clinical Infectious Diseases 3: Bacterial & Viral Diseases & Community Health in Developing Countries (T2) | |
| | Population, Poverty & Environment (T2) | Economic Evaluation (T2) | |
| | Medical Anthropology in Public Health (T2) | Environmental Epidemiology (T2) | |
| | Spatial Epidemiology in Public Health (T2) | Maternal & Child Nutrition (T2) | |
| | Clinical Bacteriology 2 (T2) | Social Epidemiology (T2) | |
| | AIDS (T3) | Organisational Management (T2) | |
| | Applying Public Health Principles in Developing Countries (T3) | Analysis of Hierarchical & Other Dependent Data (T2) | |
| | Control of Reproductive Tract Infections/Sexually Transmitted Infections (T3) | Clinical Infectious Diseases 4: Parasitic Diseases & Clinical Medicine (T2) | |
| | Integrated Vector Management (T3) | Ethics, Public Health & Human Rights (T2) | |
| | Epidemiology & Control of Malaria (T3) | Globalisation & Health (T2) | |
| | Current Issues in Safe Motherhood & Perinatal Health (T3) | Vector Biology & Vector Parasite Interaction (T2) | |
| | Tropical Environmental Health (T3) | Sexual Health (T2) | |
| | | Advanced Bayesian Statistics (T3) | |
| | | Environmental Health Policy (T3) | |
| | | Integrating Module: Health Promotion (T3) | |
| | | Integrating Module: Health Services Management (T3) | |
| | | Principles & Practices of Public Health (T3) | |
| | | Modelling & the Dynamics of Infectious Diseases (T3) | |
| | | Mycology (T3) | |
| | | Nutrition in Emergencies (T3) | |
| | | Advanced Statistical Methods in Epidemiology (T3) | |
| | | Analysing Survey & Population Data (T3) | |
| | | Analytical Models for Decision Making (T3) | |
| | | Antimicrobial Chemotherapy (T3) | |

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| | | Health Systems (T3) |
| | | History & Health (T3) |
| | | Nutrition Programme Planning (T3) |
| | | Sociological Approaches to Health (T3) |

No formal module assessment takes place during Term 1. Formal assessment in Terms 2 and 3 consists of assessment tasks for each module studied. Details of these are provided in the Reader/Handbook for any particular module.

Examinations

There are two three-hour examinations sat in June, Papers 1 and 2. These are both unseen written examination papers. Paper 1 examines the content of Term 1 teaching and Paper 2 tests the ability to integrate the knowledge acquired during the whole of the MSc course.

Project report

Students undertake a research project studying aspects of an intervention programme over the summer and provide a project report of a maximum of 10,000 words (excluding references and appendices), which is submitted at the beginning of September. If appropriate, the research project will include a period in a relevant overseas location and this may require additional funding of up to £1,500 (application may be made to Trust Funds to cover the airfare element of these additional costs).

Other programme activities

Two representatives are elected by the class and arrange supplementary teaching and organisational class meetings. A class social representative is also elected and arranges optional social activities to make the most of the cultural and recreational environment of central London.

Period of registration

| | Minimum | Maximum |
|--|-----------------|------------------|
| MSc Control of Infectious Diseases full-time | 49 weeks | 2 academic years |
| MSc Control of Infectious Diseases part-time | 1 year 49 weeks | 3 academic years |

For further information please refer to the Masters and Diplomas Regulations Procedures:
http://intra.lshtm.ac.uk/registry/regulations/taught_regulations/general_msc_and_diploma_regulations.pdf

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| <p>Estimated number of study hours It is expected that full-time students will spend on average 40 hours a week on study, including face-to-face sessions and private study.</p> <p>It is possible to take this course by 'split study' over 2 years.</p> | <p>Please refer to the section on Part-Time Study in the Introduction to Masters Degrees for more information: http://www.lshtm.ac.uk/prospectus/masters/masters.html</p> |
| <p>Entrance requirements A student must normally satisfy the London School of Hygiene and Tropical Medicine general entrance requirements and the additional programme specific entrance requirements as follows:</p> <p>The normal minimum entrance qualification for registration at the School on a Masters programme is at least one of the following:</p> <ul style="list-style-type: none"> • a second-class honours degree of a UK university, or an overseas qualification of an equivalent standard, in a subject appropriate to that of the course of study to be followed: applicants with a strong academic background in ancillary subjects will also be considered • a registerable qualification appropriate to the course of study to be followed, in medicine, dentistry or veterinary studies <p>Additional preferred requirements for the MSc Control of Infectious Diseases are:</p> <ul style="list-style-type: none"> • an appropriate technical qualification, or equivalent qualification and experience from overseas may also be considered • some prior public health/overseas experience is advantageous and will be considered but is not necessarily a prerequisite for entry to this course <p>Any student who does not meet the minimum entry requirement of a second-class honours degree or equivalent qualification but who has relevant professional experience may still be eligible for admission. They should contact the Registry who can assess their eligibility to apply.</p> <p>Credit and exemptions None available</p> <p>English language requirements It is essential that a student should have an excellent command of the English language to benefit from studies at the School. All students will be required to obtain an acceptable score in an approved English language test if their</p> | <p>Please e-mail: registry@lshtm.ac.uk or telephone +44 (0) 20 7299 4646</p> <p>Please refer to the prospectus entry on 'Proficiency in English' for full</p> |

first language is not English or if their studies at university have not been conducted wholly in the medium of English. Any English language tests must have been taken within the last two years. Acceptable scores are as follows:

| Test | Minimum overall score | Minimum in written component |
|------------------------|-----------------------|------------------------------|
| IELTS General/Academic | 7.0 | 7.0 |
| TOEFL Computer | 250 | 5.0 |
| TOEFL Internet | 100 | 24 |
| TOEFL Written | 600 | 5.0 |

Students with special needs

The School welcomes applications from students with disabilities and aims to offer as much appropriate assistance as possible to accommodate particular needs. Please let Registry know if there is anything further that can be done to make the application and selection process as accessible as possible.

Intake quota

There is no intake quota, although numbers admitted to courses every year are limited and applications for places are reviewed; any offer letters are issued in the order in which they arrive. Admittance to a course, therefore, may close up to several months ahead of the start of session but, in exceptional circumstances, may remain open until August or early September.

information on what are English tests are accepted : <http://www.lshtm.ac.uk/prospectus/howto/applforstudy.html>

Please e-mail: registry@lshtm.ac.uk or telephone +44 (0) 20 7299 4646

Educational aims and learning outcomes of the programme

MSc Control of Infectious Diseases: Objectives according to learning opportunity and assessment method

| Objective | Teaching Module | Assessment method (s) | Comment |
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| (i) investigate the transmission of endemic and epidemic infections | Core Term 1 teaching, especially <i>Introduction to Disease Agents & Their Control</i> (3125), various modules in Terms 2 and 3, and research project in Term 4 | Research project report; unseen written examinations, and assessment of optional modules | |
| (ii) select appropriate methods of control | Core Term 1 teaching, especially <i>Introduction to Disease Agents & Their Control</i> (3125),, and modules in Terms 2 and 3, especially those in Term 2 D slots and Term 3 E slots, and research project in Term 4 | Research project report; unseen written examinations and assessment of optional modules | |

Please refer to the MSc Control of Infectious Diseases prospectus entry for further information: <http://www.lshtm.ac.uk/prospectus/masters/mscid.html>

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| (iii) design, implement and evaluate coordinated control methods | Core Term 1 teaching, and optional modules, especially recommended modules in Term 2 D slots and modules in Term 3 E slots | Research project report; unseen written examinations and assessment of optional modules | |
| (iv) assess constraints of public health delivery systems | Core Term 1 teaching, especially linear modules, and as components of modules in Terms 2 and 3 | Research project report; unseen written examinations and assessment of optional modules | |
| (v) manage available resources in the context of control of infectious diseases | Core Term 1 teaching, especially linear modules and later modules, particularly <i>Designing Disease Control Programmes in Developing Countries</i> (3457) in Term 2, D1 slot | Research project report; unseen written examinations and assessment of optional modules | |
| (vi) focus efforts on particular geographical regions or infectious diseases | Core Term 1 teaching, later modules, particularly modules in Term 2 D slots and Term 3 E slots | Research project report; unseen written examinations and assessment of optional modules | |

Distinctive features of the programme

The mission of the School is to contribute to the improvement of health worldwide through the pursuit of excellence in research, postgraduate teaching, advanced training and consultancy in international public health and tropical medicine. The School has been active at the highest level in this for many years and has one of the largest groups of epidemiologists in the world.

MSc Control of Infectious Diseases aims to bridge the disciplines of epidemiology, laboratory sciences and public health and policy for training and retraining of students who wish to work directly on a multidisciplinary practical approach to the control of infectious diseases, and to 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.

The multidisciplinary nature of this course, yet also with the opportunity to specialise in epidemiological, public health or laboratory science approaches, is a distinctive feature. The majority of the research projects are performed overseas, with collaborating public health or research organisations and NGOs. Students are encouraged to take advantage of this overseas opportunity, which is crucial to the nature of the course.

Possible routes to further study

Successful completion of the MSc may allow students to progress to a degree in medicine or to a PhD research degree, where original research is undertaken.

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| <p>Possible graduate employment routes</p> <p>The programme is suitable for those aiming for scientific or managerial positions in national and international government agencies, aid agencies, or those wishing to join specific intervention projects or research projects.</p> <p>The School has links with DOCS International, the Health Protection Agency, International SOS, EMERGENCY, GOAL, Medair, Médecins Du Monde, Médecins Sans Frontières, Oxfam, Civil Service Fast Stream, Malaria Consortium, Voluntary Services, Action Against Hunger, UK Civil Service Fast Stream, Clinton Foundation HIV / Aids Initiative, Deloitte, UK Department of Health, HLSP, International Centre for Equal Healthcare Access, International Medical Corps, Merlin, National Institute for Health & Clinical Excellence, NHS Graduate Scheme, UK Office for National Statistics, Public Health Resource Unit, International Committee of the Red Cross, Save the Children, Teaching Aids at Low Cost and UNHCR amongst other organisations.</p> | <p>For further information on School graduate destinations, please see: http://www.lshtm.ac.uk/careers/resources/graduate_destinations.doc</p> |
| <p>Teaching, learning and assessment strategies</p> <p>The School has a Teaching, Learning and Assessment strategy to ensure that:</p> <ul style="list-style-type: none"> • clear learning objectives are set for each component • content is designed to enable learning objectives to be met • assessment methods are appropriate to learning objectives and are designed to assess whether these have been met | |
| <p>Student support and guidance</p> <p>All Masters students will be allocated a personal tutor who will be responsible for academic guidance and pastoral care, with referral to the Student Advice & Counselling Service where appropriate. Personal tutors usually do not teach their tutee although they can arrange for the tutee to see members of staff relevant to particular academic problems. Their role is more as a point of contact for discussion of practical matters related to the course e.g. choice of modules, types of project, or as a first-line sympathetic ear for personal problems.</p> <p>Pastoral care</p> <p>As well as personal tutors, students can approach the Student Advice & Counselling Service for advice and support. The Student Adviser can offer impartial and confidential advice on a range of issues including accommodation, financial concerns and immigration. The Counsellor offers a confidential counselling service to any London-based students, usually up to eight sessions. The School also had a Careers Adviser, who is available to assist students on an individual basis, in small groups, or through School-wide events and runs an on-site Careers Centre as well. Where appropriate, students will be referred to external bodies which can provide further help.</p> | <p>For full information on the support and services offered to students by the School, please refer to: http://www.lshtm.ac.uk/prospectus/servsupp.html</p> <p>Student support e-mail contact details:</p> <p>Student Adviser - frankie.edwards@lshtm.ac.uk</p> <p>Counsellor - emma.nabavian@lshtm.ac.uk</p> <p>Careers Adviser (Calum Leckie) – careers@lshtm.ac.uk</p> |

Healthcare

Students at the School have access to the Health Centre at 20 Gower Street, very close to the School, including a counselling service. Students who are not registered as patients are able to access the services of the Health Centre during normal working hours.

Disability (including dyslexia and mental health issues)

The School welcomes applications from students with disabilities and aims to offer as much assistance as possible to accommodate their needs. Applicants with a disability (including long-term medical conditions and dyslexia) can contact disability@lshtm.ac.uk.

A range of support to students with difficulties affecting their emotional well-being, including a Counselling Service, is also available from the School. Students are encouraged to contact disability support and to disclose any condition on the application form, whether it is a formally diagnosed psychiatric condition, or other form of mental health difficulty such as anxiety or depression. This allows the School to make contact with students at an early stage about their needs, to minimise obstacles in the application and admission process, to ensure that their specialist needs are understood and that they are supported throughout their studies.

Students are encouraged to disclose any specific learning disability (including dyslexia, dyspraxia, Attention Deficit Disorder [ADD], Attention Deficit/Hyperactivity Disorder [ADHD]) at the time of application. The School can offer a range of support to students affected by these.

English language support

Students will need to show that they have a minimum standard of proficiency in English before they enrol at the School. However foreign students who feel that their studies would benefit from additional language support can attend free group English language classes provided by the School.

Learning support

The School offers a series of study skills workshops throughout the year, on topics such as effective reading and coping with exams. Academic support is also available from personal tutors and teaching staff, and personal counselling is available via the Student Advice & Counselling Service. The Student Adviser can provide information and guidance on dyslexia and disability-related issues.

The student community at the School

The Students' Representative Council (SRC) provides a focus for student opinion and identity with the School,

Disability Support:
disability@lshtm.ac.uk

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| <p>through representation on committees and by acting as a link between staff and students. In addition to this, the SRC organises School-wide social and sporting events. All students are affiliate members of the SRC, and each MSc course and Research department has representatives who act as a focus and channel for student opinion.</p> | |
| <p>Quality evaluation and enhancement</p> <p>All MSc Courses at the School undergo annual monitoring and are further required to undertake an extensive periodic review every 5 years. The latter is a substantial process, carried out by a small internal review team plus an external subject expert, and covers the full breadth and depth of each course - aims and objectives, learning outcomes, content and curriculum, approach to teaching and learning, assessment, recruitment, innovation and good practice, quality and standards, etc.</p> <p>MSc students are invited to complete a number of surveys during their period of study at the School evaluating, for example, module content, Library Services and IT Services. A full MSc Student Satisfaction survey is sent out just after the examination period asking for feedback on teaching and learning, the examination process as well as wider areas such as pre-arrival information, feedback from tutors, student support and student representation, amongst other issues. Results from these are anonymised and then discussed at appropriate meetings. Action plans and follow-up are then further discussed with the executive members of the SRC.</p> <p>The School also has a Learning and Teaching Committee and a Quality and Standards Committee that meet at least 3 or 4 times a year to discuss issues and propose ways in which the quality of courses offered at the School can be improved and the student experience can be enhanced.</p> | <p>For further information on Quality evaluation and enhancement, please refer to: http://www.lshtm.ac.uk/edu/gualityassurance/</p> |
| <p>Date of production/revision 15 March 2011</p> | |