

LONDON SCHOOL of HYGIENE &TROPICAL MEDICINE



Postgraduate courses in

Clinical Trials
Epidemiology
Global Health
Policy
Infectious

Diseases
Public Health

2015–2016

The World Class: studied anywhere, valued everywhere.

londoninternational.ac.uk/health

Join the world class

A mark of excellence Gain a University of London degree and increase your potential career development in healthrelated fields. On graduation, join a distinguished list of alumni from Nobel prize-winners to leaders in national and regional governments.

Quality of learning
The courses in this prospectus are developed by academics at the London School of Hygiene & Tropical Medicine, to the same standard and quality as on-campus courses. The School is a world-leading centre for postgraduate education in public and global health and a constituent postgraduate College of the University of London.

- Research excellence The London School of Hygiene & Tropical Medicine was ranked second in the 2015 Global Health Research League Table, which measures the commitment of UK universities to research that meets the needs of people worldwide.
- Access a wealth of resources Benefit from comprehensive online resources and study materials, written specifically for the courses by subject experts.

TAPPEND COME

All Inc.

Flexible learning As a distance learning student, you may choose to study up to two elective modules at the School in London (blended learning study), in place of distance learning modules.

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A global university centred around you

Your learning community

- You have access to a wealth of study resources based on the world-class teaching of academic staff at the London School of Hygiene & Tropical Medicine.
- You can participate in a global learning community by connecting online with fellow students worldwide to collaborate and share perspectives.

Value

 With no travel, relocation or accommodation costs, studying through the University of London International Programmes is much more affordable than coming to London to study on campus. What's more, you can continue working full-time.

Convenience

- Study where you live bring a University of London qualification within reach.
- You can sit your exams at one of our 600-plus exam centres worldwide without the need to come to London.

Contents

Key dates

MSc, Postgraduate Diploma and Postgraduate Certificate

Application deadline

30 June (10 September for Clinical Trials) in the year before you intend to sit your first examinations.

Registration deadline 30 September

Course starts
October

ExaminationsJune

Individual modules

Application deadline

31 August in the year before you intend to sit your first examinations.

Registration deadline 30 November

ExaminationsJune

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Improving health worldwide







Professor Baron Peter Piot, Director, London School of Hygiene & Tropical Medicine

Photo (top) by Mollie Miller-Petrie, while investigating the management of children's waste and interest in new hygienic disposal products in Cambodia.

A world-leading school of public and global health

The London School of Hygiene & Tropical Medicine is widely recognised as a world-leading school of public and global health, working closely with partners in the UK and worldwide to address contemporary and future critical health challenges. We are committed to supporting health professionals, practitioners and policy-makers, clinicians and scientists who want to obtain a world-class qualification in public health and tropical medicine, no matter where they are in the world.

At any one time over 100 School staff are based overseas, and we have forged many partnerships with institutions and governments throughout the world to support the development of teaching and research capacity, especially in low and middle income countries. These collaborations are embedded in multidisciplinary collaborations which include clinicians, epidemiologists, economists, statisticians, social scientists, molecular biologists and immunologists.

Our distance learning programme

Through our distance learning programme, run in partnership with the University of London International Programmes, we have been able to make our specialised advanced training more widely available. Focusing on Clinical Trials, Epidemiology, Global Health Policy, Infectious Diseases and Public Health, these have grown in popularity in recent years, and we now have 2,913 registered distance learning students from over 150 countries.

Our distance learning students come from a wide range of professional backgrounds, and alumni go on to distinguished careers in the field.

Many keep in touch with the School for years and decades to come, as partners and collaborators. Wherever you are and whatever your background, we hope you will be inspired to join us in our shared mission of improving health worldwide.

Ishtm.ac.uk

The School was named as the world's leading research-focused graduate school by Thomson Reuters and Times Higher Education. As well as achieving the best overall ranking, the School scored highly on individual indicators including international outlook, research and citations.



Your study with us

Flexible study

You study independently, at a time and pace that suit you (subject to some course-specific deadlines). Comprehensive study materials are provided, with support available from our academic staff.

We know that if you have a full-time job, family or other commitments, and wish to study at a distance, you will have many calls on your time. We therefore allow you between one and five years in which to complete the Postgraduate Certificate, and between two and five years in which to complete the Postgraduate Diploma or the MSc.

How you study

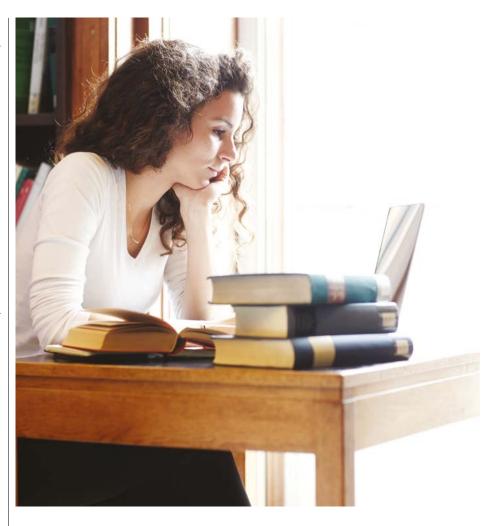
Once registered, you will be given access to the learning materials for the module(s) you have chosen to study. These materials will take you through a programme of directed self-study, and indicate how and where you can obtain supplementary study materials and access tutorial support to enhance your studies.

Tutors are allocated to each module and are available to answer queries and promote discussion during the study year.

Please note that, whilst some of the distance learning modules may include audio recordings of some of the oncampus lectures, these are only available as an optional additional resource. Details of the study materials provided for each module can be found in the module specifications (located on the 'structure' tab of the relevant course page at: londoninternational.ac.uk).

Your study year

The study year usually runs from the beginning of October through to the June exams, during which time tutorial support is available. Students may also be studying between June and September with tutorial support provision (e.g. those completing their projects, writing the Clinical Trials



integrating report, and those studying two of the Epidemiology modules).

Deadlines for submission of coursework vary per course but are usually in March, May and September.

Support and feedback

You are given access to the School's online learning site, Moodle, which contains learning materials and online readings. You are encouraged to pose questions and engage in academic discussions with tutors and fellow students through the online module discussion forums, some of which will be held in 'real-time'.

Teaching staff provide written, personalised feedback and advice on assignments. Those undertaking a project are assigned personal supervisors to support this work.

Students can communicate individually with other distance learning students, or they may set up their own learning support groups.

Module information

A module specification is provided for each module. The module specification includes full information on the overall aims, learning outcomes, content and method of assessment of the module, including information on any pre-requisites required for study and details of the study materials and resources provided. The module specifications can be viewed from

the relevant course webpage on the International Programmes website: **londoninternational. ac.uk** through the 'structure' tab.

Study materials

After you register you will receive your study materials and access to the School's online learning site, Moodle. Clinical Trials module study materials are delivered solely through the online learning site, with additional e-book provision through the School's online library resource. Most of the Public Health modules are supported by a textbook written specifically for the course, published by McGraw Hill (e-book versions of most of these can be viewed at: mhebooklibrary. com/product/understanding-publichealth) and a range of other materials essential to studying each module provided on the online learning site.

Study materials for the other courses include interactive CD-ROMs (Epidemiology, Global Health Policy and some Infectious Disease modules), and printed subject guides, workbooks and readers, with accompanying textbooks.

Where relevant, students are supplied with additional computer software such as Stata. All students are given access to the School's online library resources and to past examination papers, examiners' reports and previous years' project reports.

Students newly registering for the Diploma or MSc are initially only given access to the relevant study materials for the core modules for which they are registered; you will not be allowed to register for modules other than the core modules until you have successfully completed a minimum number of core modules.

Project reports are expected to be carried out in the final year of study; proposals for projects from MSc students still completing the minimum number of core modules will not be considered.

What you will need

You will need access to a scientific calculator (this may be pre-programmable but must not be capable of storing or transmitting non-numerical data). Devices which have a wireless or internet connection are strictly forbidden from use during examinations.

Computer requirements

All students must have regular access to a computer and the internet. This may be for accessing the Student Portal, downloading course materials from the online learning site or accessing resources from the online library. You will also need suitable hardware capacity on your computer for document storage as well as basic software such as a PDF reader.

A CD-ROM drive is essential for those studying Clinical Trials, Epidemiology, Global Health Policy, and some Infectious Diseases and Public Health modules. A headset/microphone will be required to participate in 'real-time' online discussions.

We suggest that you use the latest version of Firefox (recommended), Chrome or Internet Explorer, and that your screen resolution is 1024 x 768 or greater. JavaScript and cookies must be enabled to access particular online services such as the Student Portal.

Some programmes have courses or modules that use additional software. Where this is the case, details are given within the relevant module specifications. Please see the website for further information.

Some of the software provided for use with Epidemiology modules may not be fully compatible with Apple Mac computers.

Assessment

Assessment varies from module to module but will include a combination of unseen written examination papers and written assignments. Details are given in the module specifications.

Jingwen Xie Public Health, China



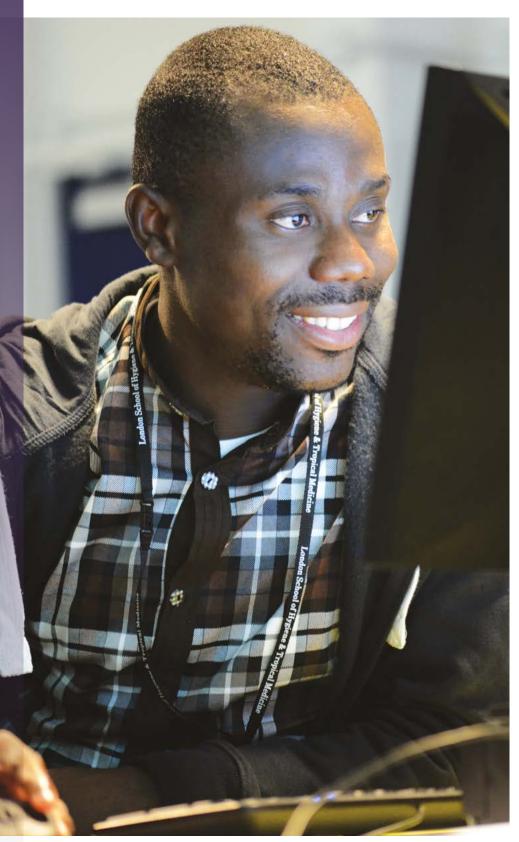
'I studied Medicine and was trained to be a paediatrician in Southern China. After working in the hospitals for a few years, I realised that as a doctor, sometimes you could not save your patients even if you have the knowledge and experiences to treat their diseases.

I chose to study Public Health because I wanted to know more about those "invisible hands" which shape health systems and determine the global population's health.

I chose the School because it is the world-leading institute in this field. The distance learning programme fulfils my needs, as I cannot commit to full-time on-campus study.

I hope my degree can help me contribute towards my passion for public health.'

"The distance learning programme fulfils my needs, as I cannot commit to full-time on-campus study."



Examinations take place once a year in June and are normally held in a student's country of residence.

We have examination centres in over 180 countries worldwide (for details please visit: Iondoninternational.ac.uk/exams). Examinations are arranged mainly through Ministries of Education or the British Council. Students will need to pay a fee to their local examination centre. This fee is in addition to course and module registration fees.

If you fail an examination at the first entry you will be allowed one further attempt (a resit fee will be payable).

Time commitment

Because individuals differ in how many hours per week they need to devote to study, and how quickly they wish to complete the programme, it is difficult to be precise about how many hours you will require for your study. Most modules should take on average 150 learning hours to study (the Public Health core modules take on average 100 learning hours). Project work is expected to take, on average, 450 hours, the Clinical Trials integrating module 300 hours to complete.

A rough guide, however, is that to complete in the minimum period (one year for the Postgraduate Certificate, and two years for the Postgraduate Diploma or the MSc) you should be prepared for between 15 and 25 hours of study per week throughout the study year. Most students take between 3 and 5 years to complete their MSc.

Credit system

The School operates a credit system for its taught courses, consistent with the UK and European Credit Systems. This allows other educational institutions and employers to easily understand and recognise the amount and standard of study involved in School courses.

Credits are awarded for successful completion of modules and the project or integrating report. A total of 180 credits are required for an MSc degree, 120 for a Postgraduate Diploma and 60 for a Postgraduate Certificate. Specific requirements are given on the individual course pages. All credits obtained will be shown on final course transcripts.

Study in London

Distance learning students may choose to study up to two elective modules at the School in London (blended learning study). London-based modules run for 2.5 days per week over a five-week period. Not all modules are available for study via blended learning and this option is available to students once they have completed the compulsory core modules.

Students selecting this study option will be responsible for arranging their own travel and accommodation in London, and will be required to pay additional module fees.

Stay connected



The School has recently launched a series of blogs written entirely by its current students. The

bloggers offer not only a fantastic insight into their day-to-day studies, but also share details of their personal academic and research interests as well as stories of the work they have conducted and experiences they have enjoyed during their studies.

The blogs give prospective students the opportunity to find out more about the distance learning programme while enabling students to engage with each other and really feel a part of the School's thriving global community. The blogs can be read at: blogs.lshtm.ac.uk/students/ or londonexternal.wordpress.com

Distance Learning Alumni Ambassadors

Some of our alumni have agreed to be Student Ambassadors (see list below). They offer advice to prospective students about how they managed their studies successfully and offer tips about balancing their study with work and family commitments.

For more information please visit: londoninternational.ac.uk/alumni or lshtm.ac.uk/alumni/chapters

Australia

Dr Irmgard Bauer Postgraduate Diploma in Infectious Diseases

Dr Irmgard Bauer, a senior lecturer at James Cook University, completed her Postgraduate Diploma in Infectious Diseases in 2003. Email: irmgard.bauer@jcu.edu.au

Canada

Steven Hilts MSc Epidemiology

Environmental Manager Steven Hilts lives in Rossland, British Columbia and completed his MSc in Epidemiology in 2004. Email: shredski@telus.net

Bernard MacLennan MSc Infectious Diseases

Bernard MacLennan lives in Nova Scotia and is a registered microbiologist. He completed his MSc in Infectious Diseases in 2006. Email: bernard maclennan@cbu.ca

Caribbean

Nastassia Rambarran MSc Public Health

Nastassia Rambarran is a General Practitioner residing in Barbados, who completed the MSc in Public Health in 2013.

Email: nastassia.rambarran@gmail.com

Egypt

Enas Newire MSc Infectious Diseases

Cairo-based molecular researcher Enas Newire completed her MSc in Infectious Diseases in 2010. Email: Ioneaman1@student.london.ac.uk

Dr Poornima Prabhakaran MSc Epidemiology

Research fellow Dr Poornima Prabhakaran completed her Postgraduate Diploma in Epidemiology in 2006. Email: poornimaap@yahoo.co.uk

Europe

Bryan Thoma MSc Epidemiology

Medical Microbiologist and Virologist, Munich-based Dr. Bryan Thoma completed his MSc in Epidemiology in 2011. Email: bryan.thoma@ymail.com

Krisztina Horvath MSc Epidemiology

A medical doctor specialising in Preventive Medicine and Public Health in Hungary, Krisztina Horvath completed her MSc in Epidemiology in 2011. Email: hjechris@gmail.com

Nigeria

Dr. Chris Oyewole Durojaiye MSc Infectious Diseases

Dr. Chris Oyewole Durojaiye is currently a specialist registrar in infectious diseases at University Hospital of Wales, Cardiff. He completed his MSc in Infectious Diseases in 2013. Email: docwolex@yahoo.co.uk

Pakistan

Dr Syed Abdul Mujeeb MSc Epidemiology

Karachi-based doctor and associate professor Dr Syed Abdul Mujeeb completed his MSc Epidemiology in 2006. Email: smujeeb@super.net.pk

Entrance requirements

Clinical Trials

All applicants are required to have:

Either a first or second class honours degree, or the equivalent, from a university or other institution acceptable to the University of London, in a subject appropriate to the course;

Or an appropriate professional or technical qualification, together with at least three years' relevant experience, which satisfies the University as a qualification equivalent to a second class honours degree. All applications in this category will be considered on an individual basis.

Epidemiology

All applicants are required to have:

A first or second class honours degree or equivalent, from a university or other institution acceptable to the University of London, in health-related disciplines or in statistics or another appropriate subject. Work experience in a health sciences or health care setting is desirable but not essential.

Applicants with an appropriate professional or technical qualification in a health-related field, which satisfies the University as a qualification equivalent to a second class honours degree, together with at least three years' relevant experience, may also be considered on an individual basis.

Global Health Policy

All applicants are required to have:

A first or second class honours degree or the equivalent, from a university or other institution acceptable to the University of London, in

Either a scientific subject (e.g. biology, medicine, nursing or pharmacy);

Or a social science subject such as: anthropology, demography, development studies, economics, environmental studies, human rights, geography, international politics, international relations, sociology, policy studies, politics, political science, or water and sanitation.

Applicants who do not satisfy the above requirements may still be admitted at the discretion of the University and the School on the basis of their academic qualifications, work experience and references.

Infectious Diseases

All applicants are required to have:

A first or second class honours degree or the equivalent, from a university or other institution acceptable to the University of London, in a scientific subject (e.g. biology, medicine, nursing, dentistry, veterinary science, pharmacy) or in another scientific discipline which has, in the opinion of the University, included suitable preliminary training.

Applicants with an appropriate technical qualification and work experience will also be considered.

Public Health

All applicants are required to have:

A first or second class honours degree or equivalent in health-related disciplines or another appropriate subject, from a university or other institution acceptable to the University of London, and a minimum of one year's relevant work experience.

English language

All applicants must have an advanced level of ability to study in English.
Applicants may be required to pass or to have passed within the last three years, at the appropriate level, a test of proficiency in English acceptable to the University:

The Princeton Test of English as a Foreign Language (TOEFL)

- Paper-based Test: a minimum overall score of at 600 and a minimum of 5.0 in the test of written English.
- Computer-based Test: a minimum overall score of at least 250 and a minimum of 5.0 in the test of written English.
- Internet-based Test: a minimum overall score of at least 100 and a minimum of 5.0 in the test of written English.

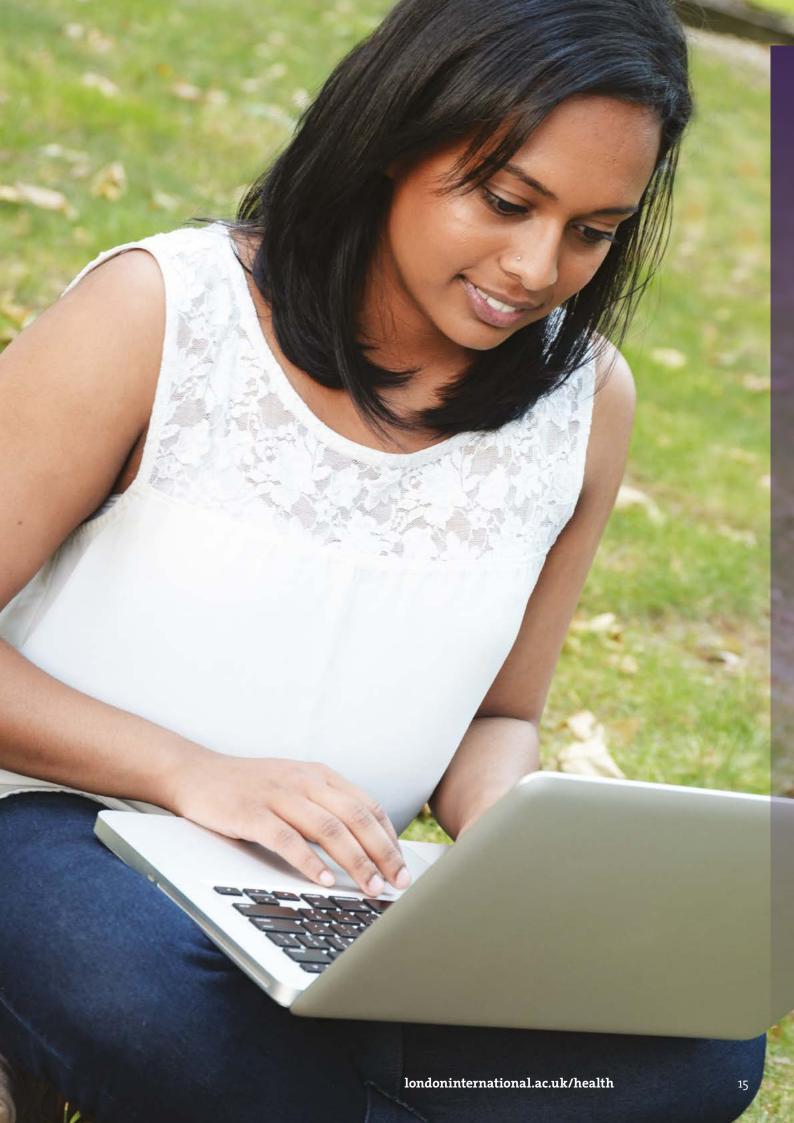
The British Council Test (IELTS)

 A minimum overall score of 7.0 and a minimum of 7.0 in the written component.

Additional information

It is essential that all students have regular access to the internet (at least once a week) to participate in web-based discussions, access online library resources and submit assignments. Students must have a computer (see page 11 for specifications) and are responsible for ensuring adequate system maintenance. Students will also require a calculator.

Students who do not satisfy the entrance requirements may still be admitted at the discretion of the School on the basis of their academic qualifications, work experience and references.



Clinical Trials

A welcome from Diana Elbourne and Claire Snowdon

The need for rigorous evaluation of components of health care is increasingly recognised worldwide. An important type of evaluation is the randomised controlled clinical trial. These courses will give students an understanding of trials which will equip them to work in this increasingly important field.

MSc students may choose from a number of elective modules which will allow them to expand and deepen their conceptual and practical skills. The main disciplinary perspectives will come from clinical trials, statistics and epidemiology, but others will be considered in both the core and elective modules

Diana Elbourne



Claire Snowdon Course Director



For whom are the courses relevant?

These courses will be relevant both for those wishing to gain an overall understanding of clinical trials before moving into the field, and for those who have general or specialist experience in this area and aim to broaden their role in the design, management, analysis and reporting of clinical trials.

Course objectives

These courses aim to provide students with a theoretical and practical understanding of the issues involved in the design, conduct, analysis and interpretation of randomised controlled trials of health interventions. They will be suitable for students working in high, middle and low income countries. Students will be trained to develop skills to scrutinise information, to analyse critically, to carry out research, and to communicate effectively.

Study materials

The Clinical Trials modules are delivered solely online. The module materials comprise interactive sessions supported by online discussion forums, readings and additional resources provided through our online learning site.

Statistical software (Stata) is supplied.





Comic relief for stressed emergency teams
lan Roberts, Professor of Public Health at the School and a team of researchers devised a storyline to highlight the latest research into the life-saving benefits of tranexamic acid to appeal to doctors, nurses and paramedics on the front-line of medicine. bit.ly/lshtmdl

Dr Julien Nyombayire

MSc Clinical Trials, Rwanda



'I am working as a research physician in HIV epidemiology and prevention research in Kigali, Rwanda. My choice of the School was mainly driven by its world renowned reputation of high quality education and the diversity of the teaching expertise found in the School's programmes, especially in health research.

Although very demanding, my experience of distance learning has been rewarding because of the interesting materials provided by experienced professors and tutors, as well as sharing experiences with students of different backgrounds all over the world.

I have enjoyed the teaching overall as well as the application of theoretical principles learned through the course to daily research activities. I have no doubt the knowledge acquired during my studies will build the foundation for my future career in research and will open doors for even more learning opportunities.'

"I have no doubt the knowledge acquired during my studies will build the foundation for my future career."

Structures

The Postgraduate Certificate, Postgraduate Diploma and MSc include four compulsory core modules:

Fundamentals of clinical trials – CTM101 Basic statistics for clinical trials – CTM102

Clinical trials in practice – CTM103

Reporting and reviewing clinical trials – CTM104

The Postgraduate Diploma also consists of:

Four elective modules:

At least three modules must be taken from selection group CTM2. The remaining module can be chosen from other CTM2 modules, or selection groups EPM3/PHM2 (listed opposite)

The MSc also consists of:

Five elective modules:

At least three modules must be taken from selection group CTM2. The remaining two modules can be chosen from other CTM2 modules, or selection groups EPM3/IDM2/IDM3/IDM5/PHM2 (listed opposite).

Plus

Two compulsory modules:

Protocol development - CTM201

Integrating module – CTM210

Selection groups

Selection group CTM2 – Clinical Trials elective modules:

Trial designs – CTM202

Project management and research co-ordination – CTM203

Regulatory affairs, good clinical practice and ethics – CTM204

Data management - CTM205

Data monitoring and interim analyses – CTM206

Design and analysis of epidemiological studies – CTM207

Further statistical methods in clinical trials – CTM208*

Cluster randomised trials - CTM209

Additional elective modules available from selection group EPM3:

Epidemiology of communicable diseases – EPM301

Modelling and the dynamics of infectious diseases – EPM302

Advanced statistical methods in epidemiology – EPM304*

Human genetic epidemiology - EPM306

Global epidemiology of noncommunicable diseases – EPM307

Additional elective modules available from selection groups IDM2, IDM3 and IDM5:

Bacterial infections – IDM201

Nutrition and infection - IDM202

Parasitology – IDM203

Viral infections – IDM204

Healthcare-associated infections – IDM205

Immunology of infection and vaccines – IDM213

Epidemiology and control of infectious diseases in developing countries – IDM301

HIV/AIDS - IDM501

Tuberculosis – IDM502

Malaria – IDM503

Additional elective modules available from selection group PHM2:

Analytical models for decision making – PHM201

Economic analysis for health policy – PHM203

Economic evaluation - PHM204

Environmental epidemiology – PHM205

Environmental health policy – PHM206

Health care evaluation – PHM207

Globalisation and health – PHM209

Medical anthropology in public health – PHM211

Principles and practice of health promotion – PHM213

Conflict and health – PHM214

History and health - PHM215

Sexual health - PHM216

*Students may not register for and study both CTM208 and EPM304.

Please note: if you are choosing to study elective modules from the Epidemiology course i.e. EPM3 modules, some software may not be compatible with Apple Mac computers.

Additional information

- All Clinical Trials modules successfully completed will be assigned 15 credits each; the integrating report will be assigned 30 credits.
- For Postgraduate Diploma and MSc students, credit for one or two modules studied at the School (blended learning study) may be allowed in place of one or two of the above elective modules, subject to module restrictions. An additional fee will be payable.
- Students who have been examined in and have passed two CTM1 modules (which must include CTM101) may be permitted to proceed to elective module studies.
- To view the module specifications for this course, please visit our website:

Iondoninternational.ac.uk/health Note that restrictions and pre-requisites may apply to some of the modules.

Epidemiology

A welcome from Anne Tholen, Sara Thomas and Patrick Nguipdop Djomo

Epidemiology is the key discipline underlying medical research, public health practice and health care evaluation. The understanding of its principles and practice is crucial for those involved in the design or assessment of epidemiological studies and programme evaluation.

Epidemiological methods are also used to describe the size and nature of health problems, to investigate the aetiology of specific diseases, and to evaluate the impact of interventions for treating and preventing ill health.

These courses provide professional epidemiological training for people who cannot attend regular face-to-face classes. Students are encouraged to actively participate in discussion forums on our online learning site, allowing them to share their experiences and discuss their studies. You also benefit from contact with the student support team and receive academic support from tutors. We hope you enjoy participating in these courses, find it a rewarding and stimulating experience, and one that enhances your career.

For whom are the courses relevant?

The courses provide epidemiology training for professionals in academic departments, research modules or in the health services. They are suitable for those aiming for a career in epidemiology research, academics in other health areas and other health professionals. These courses are also of interest to people who require an understanding of epidemiology, such as medical journalists and scientific officers in government and industry.

Course objectives

The study of epidemiology will give students a comprehensive understanding of basic concepts and methods in epidemiology, together with advanced skills in specific applications of epidemiological research methods.

Study materials

Most of the Epidemiology modules are delivered through the provision of interactive material on CD-ROM, supported by online discussion forums, readings and additional resources provided in both printed format and through our online learning site. Some module materials are delivered solely in printed format supported with additional online resources. Statistical software (Stata) is supplied.

Anne Tholen Course Director



Sara Thomas Course Content Director



Patrick Nguipdop Djomo Deputy Course Director



Rinko Kinoshita

Epidemiology, Japan



'I am a nurse midwife by training and hold a master's degree in public health. I decided to take the MSc course to learn technical skills and knowledge in applied social epidemiology. I am currently working for UNICEF's office in Nicaragua as the Deputy Representative.

My project paper analyzed the Demographic and Health Survey in Nicaragua to dissect how intimate partner violence affects newborn and infant mortality, and care-giver's behaviours.

I hope to continue research around this theme for evidence-based programming and evaluation. The School has equipped me with skills and tools to move forward with my mission.'

"I decided to take the MSc course to learn technical skills and knowledge in applied social epidemiology."

Structures

The Postgraduate Certificate, Postgraduate Diploma and MSc include four compulsory core modules:

Fundamentals of epidemiology – EPM101

Statistics with computing – EPM102

Practical epidemiology – EPM103

Writing and reviewing epidemiological papers – EPM105

The Postgraduate Diploma also consists of: Two compulsory modules:

Study design: writing a grant application – EPM201

Statistical methods in epidemiology – EPM202

Plus

Two further elective modules:

Both modules must be chosen from selection group EPM3; at least one of the elective modules must be chosen from either EPM301 or EPM307.

The MSc also consists of: Two compulsory modules:

Study design: writing a grant application – EPM201

Statistical methods in epidemiology – EPM202

Plus

Three further elective modules:

At least two modules must be taken from selection group EPM3, one of which must be either EPM301 or EPM307. The remaining module can be chosen from other EPM3 modules, or from the selection groups listed opposite.

Plus

Compulsory project report EPM500 and a qualifying examination paper EPM400 in the final year of study.

Selection groups

Elective modules from CTM2:

Trial designs – CTM202

Project management and research co-ordination – CTM203

Regulatory affairs, good clinical practice and ethics – CTM204

Further statistical methods in clinical trials – CTM208*

Cluster randomised trials – CTM209

Elective modules from EPM3:

Epidemiology of communicable diseases – EPM301

Modelling and the dynamics of infectious diseases – EPM302

Advanced statistical methods in epidemiology – EPM304*

Human genetic epidemiology – EPM306

Global epidemiology of noncommunicable diseases – EPM307

Elective modules from IDM2:

Bacterial infections - IDM201

Nutrition and infection – IDM202

Parasitology – IDM203

Healthcare-associated infections – IDM205

Immunology of infection and vaccines – IDM213

Elective modules from IDM3:

Epidemiology and control of infectious diseases in developing countries – IDM301

Elective modules from IDM5:

HIV/AIDS - IDM501

Tuberculosis – IDM502

Malaria – IDM503

Elective modules from PHM2:

Analytical models for decision making – PHM201

Economic analysis for health policy – PHM203

Economic evaluation – PHM204

Environmental epidemiology – PHM205

Environmental health policy – PHM206

Health care evaluation - PHM207

Globalisation and health - PHM209

Medical anthropology in public health – PHM211

Principles and practice of health promotion – PHM213

Conflict and health – PHM214

History and health – PHM215

Sexual health – PHM216

*Students may not register for and study both CTM208 and EPM304.

Additional information

- All Epidemiology modules successfully completed will be assigned 15 credits each; the project report will be assigned 45 credits.
- For Postgraduate Diploma and MSc students, credit for one or two modules studied at the School (blended learning study) may be allowed in place of one or two of the above elective modules, subject to module restrictions. An additional fee will be payable.
- Students may be permitted to register for EPM2 and elective modules only once they have successfully completed EPM101 and EPM102.
- To view the module specifications for this course, please visit our website: londoninternational.ac.uk/health Note that restrictions and pre-requisites may apply to some of the modules.

Global Health Policy

A welcome from Preslava Stoeva and Catherine Dodds

These courses provide students with an in-depth understanding of health determinants and outcomes that transcend national boundaries, and the policy responses required to protect and promote population health in a globalising world. They are the world's first Master's level courses on global health policy by distance learning.

In addition to compulsory core modules and a wide range of optional modules which allow for specialisation, it is also possible for students to carry out an individual research project in an area of their own choice.

These courses are predominantly webbased and multi-media. Students receive support and guidance from subject tutors and fellow learners through actively participating in discussion forums on our online learning site.

Preslava Stoeva Course Director



Catherine Dodds Deputy Course Director



For whom are the courses relevant?

The courses are aimed at students and professionals from both health and non-health backgrounds who seek to understand more about the policy environment associated with issues of global health. They will be of value especially to those seeking to assume positions related to issues of global health policy in national, regional or global health organisations, health-related research institutions, non-governmental organisations and private consultancies.

Course objectives

By the end of these courses, students will be expected to have established a solid foundation in various theories and practices concerned with global health, as well as understand the emerging institutional structures and governance mechanisms to address global health issues. Students should gain a good appreciation of relevant health policy research methods, such as comparative analysis and global learning. They should also be able to apply these analytical and methodological skills to address the multifaceted challenges posed by global health issues.

Study materials

The Global Health Policy modules are delivered through the provision of a range of reading material and study resources on CD-ROM supported by online discussion forums, with readings and additional resources provided through our online learning site.

Sandra Roelofs

MSc Global Health Policy, Georgia



'The ingredients for the "cake I am baking" at the School are a vivid interest in other cultures and languages, a strong humanitarian drive and exposure to high level health advocacy and nationwide health projects management, as first lady of Georgia between 2004-2013.

The School was the perfect choice for me: I am studying at a pace of three modules a year and even had the chance to do two modules in-house in London. I would really recommend distance learning students to take that chance when it is offered to them. It is so encouraging and stimulating to meet professors; make new friends from all over the world with similar interests; attend lectures and seminars; and use the rich library and computer classes offered.

I especially encourage people like me (in my forties) with a lot of practice who wish to change career, to apply.'

"I am studying at a pace of three modules a year and even had the chance to do two modules in-house in London."

Structures

The Postgraduate Certificate, Postgraduate Diploma and MSc include four compulsory core modules:

The economics of global health policy – GHM101

The politics of global health policy – GHM102

Environmental change and global health policy – GHM103

Issues in global health policy – GHM104

The Postgraduate Diploma also consists of:

Four elective modules:

Chosen from the selection groups listed opposite.

The MSc also consists of:

Five elective modules:

Chosen from the selection groups listed opposite.

Plus

A project report

Or

Three further elective modules

Selection groups*

Elective module from EPM1:

Fundamentals of epidemiology – EPM101

Elective modules from EPM3:

Global epidemiology of noncommunicable diseases – EPM307 (Students must pass EPM101 before studying this module.)

Elective module group GHM2:

Health systems - GHM201

Elective module from IDM2:

Immunology of infection and vaccines – IDM213

Elective module from IDM3:

Epidemiology and control of infectious diseases in developing countries – IDM301

Elective modules from IDM5:

HIV/AIDS - IDM501

Tuberculosis – IDM502

Malaria - IDM503

Elective modules from PHM2:

Analytical models for decision making – PHM201

Environmental epidemiology – PHM205

Health care evaluation - PHM207

Medical anthropology in public health – PHM211

Conflict and health - PHM214

History and health - PHM215

Additional information

- All Global Health Policy modules successfully completed will be assigned 15 credits each; the project report will be assigned 45 credits.
- For Postgraduate Diploma and MSc students, credit for one or two modules studied at the School (blended learning study) may be allowed in place of one or two of the above elective modules, subject to module restrictions. An additional fee will be payable.
- Students who have been examined in and have passed three GHM1 modules may be permitted to proceed to elective module studies.
- To view the module specifications for this course, please visit our website:

londoninternational.ac.uk/health Note that restrictions and pre-requisites may apply to some of the modules.

* Additional Global Health Policy elective module options will be available to view from: londoninternational.ac.uk/health



Infectious Diseases

A welcome from Patricia Gorak-Stolinska, Jackie Cliff and Anita Skinner

The Infectious Diseases courses draw upon the School's long tradition in the study of clinical and epidemiological aspects of infectious and tropical diseases. Providing a broad understanding of infectious diseases, together with developing strategies for their control and treatment, the courses will be of particular relevance to in-service health professionals, such as doctors or laboratory staff who either wish to acquire new knowledge in infectious diseases or update their current expertise.

In addition to compulsory core modules and a wide range of elective modules which allow for specialisation, it is also possible for students to carry out an individual research project in an area of their own choice. Many of the staff involved in the course work closely with international aid agencies and have extensive experience of, and contact with, low and middle income countries where infectious diseases are most prevalent.

For whom are the courses relevant?

These courses are aimed both at recent graduates who wish to pursue an advanced degree, and at people who took their first training some time ago and wish to update their knowledge in this rapidly evolving field or who wish to change career direction.

Course objectives

The study of Infectious Diseases will give students a comprehensive understanding of the biology of infective agents and host on the outcome of infection, and the use of this knowledge in combination with epidemiological and public health approaches to develop rational strategies for the control and treatment of infection.

Study materials

The Infectious Diseases modules are delivered through printed study guides supported by textbooks and readings, with additional resources provided via the online learning site. Some modules are delivered through the provision of interactive material supplied on CD-ROM. Most of the Infectious Diseases modules require a basic background knowledge of biochemistry, cell biology, genetics, immunology and microbiology.

Patience Kerubo Kiyuka

Infectious Diseases, Kenya



'The opportunity to study with one of the best schools in the world was humbling. The School has an outstanding reputation in tropical diseases and I know it will serve to boost my skills considering my work is in research of infectious diseases.

My experience as a distance learner has been both challenging and enriching. Being able to synthesise the study concepts largely on my own has given me confidence in my ability. This is not to underestimate the great support we have received from tutors. To get personalised feedback on my formative assignment was definitely something I had not received for most of my earlier studies.'

"The opportunity to study in one of the best schools in the world was humbling."

Patricia Gorak-Stolinska Course Director



Jackie Cliff Course Content Director



Anita Skinner Deputy Course Director



Structures

The Postgraduate Certificate, Postgraduate Diploma and MSc include four compulsory core modules:

Principles of biostatistics and epidemiology – IDM101

Principles of biology – IDM102

Biology of infectious diseases – IDM103

Control of infectious diseases - IDM104

The Postgraduate Diploma also consists of:

Four elective modules: At least three must be taken from selection groups IDM2, IDM3, IDM5 or IDM6. The fourth module can be chosen from the selection groups listed opposite, or from blended learning study modules. A maximum of two inhouse modules can be chosen in total.

The MSc also consists of:

Either eight elective modules: At least six must be taken from selection groups IDM2, IDM3, IDM5 or IDM6. The remaining modules can be chosen from the selection groups listed opposite, or from blended learning study modules. A maximum of two blended learning modules can be chosen in total.

Or

Five elective modules

Plus a project report – IDM600

Selection groups

Elective module from IDM2:

Bacterial infections - IDM201

Nutrition and infection - IDM202

Parasitology – IDM203

Viral infections - IDM204

Healthcare-associated infections – IDM205

Immunology of infection and vaccines – IDM213

Elective module from IDM3:

Epidemiology and control of infectious diseases in developing countries – IDM301

Elective modules from IDM5:

HIV/AIDS - IDM501

Tuberculosis – IDM502

Malaria – IDM503

Elective module from IDM6:

Research design, management and analysis – IDM601

Elective modules from PHM2:

Health care evaluation - PHM207

Medical anthropology in public health – PHM211

Principles and practice of health promotion – PHM213

Additional information

- All Infectious Diseases modules successfully completed will be assigned 15 credits each; the project report will be assigned 45 credits.
- For Postgraduate Diploma and MSc students, credit for one or two modules studied at the School may be allowed in place of one or two of the above elective modules, subject to module restrictions. An additional fee will be payable.
- Students who have been examined in and have passed three IDM1 modules may be permitted to proceed to elective module studies.
- To view the module specifications for this course, please visit our website:

londoninternational.ac.uk/healthNote that restrictions and pre-requisites may apply to some of the modules.



Public Health

A welcome from Ros Plowman and Marcus Keogh-Brown

The Public Health courses provide an opportunity for students to gain knowledge and skills that will enable them to address diverse public health issues in low, middle and high income settings.

The courses draw on the School's long history of international work and expertise in a variety of disciplines fundamental in the field of public health. The diverse curriculum allows students to opt for a broad range of knowledge or to concentrate on specialised areas, such as the environment, health economics or health promotion.

Throughout their studies, Public Health students are encouraged to consider how their coursework might apply to their past and current experiences in the field. Students' newly acquired skills are of immediate and longer term benefit to the way they think about and contribute to the health of individuals and communities.



This course is accredited by the Agency for Accreditation of Public Health Education in the European Region (APHEA) which is the accreditation body of the Association of Schools of Public Health in the European Region (ASPHER).

Ros Plowman Course Director



Marcus Keogh-Brown Deputy Course Director



For whom are the courses relevant?

Students on the School's Public Health courses use academic study to deepen their understanding of public health issues and to increase their potential career development in health-related fields. Students on these courses come from diverse backgrounds. Many are health professionals working at a service or policy level, while others wish to obtain public health skills that they can apply to their work in development, community services, government, research or teaching.

Course objectives

These courses aim to provide students with knowledge and skills to contribute to the health of populations, communities and disadvantaged groups. Students are offered well-established and innovative public health approaches to the promotion of health and prevention of diseases, the provision and evaluation of treatment and care, and the investigation and control of environmental threats to health.

By the end of these courses students should be able to apply the core disciplines of public health (statistics, epidemiology, health economics and social research) to real world health problems.

Study materials

In most cases, the Public Health module materials comprise a textbook written specifically for the course and a range of materials available online. These include readings, exercises and discussion forums. The Basic Statistics module material is delivered on CD-ROM with additional printed materials, statistical software, and online resources provided.

Jillian Kowalchuk

MSc Public Health, Canada



'A thorough search of graduate public health programmes all reiterated my choice of London School of Hygiene & Tropical Medicine. The longest running public health and distance programme assured me that the quality of education I would receive has been well structured and would jump start my career in global public health.

The distance programme comes with its triumphs and challenges. Selecting the two-year MSc and project has allowed me to work part time, but does take up much of my other time. The courses are structured to be flexible and allow independent research and studies, which I believe will aid me in the real world application of my knowledge in the field.

An internationally recognized institution like the School has already opened doors into global work that would not be possible without these connections.'

"The courses are structured to be flexible and allow independent research and studies."

Structures The Postgraduate Certificate consists of:

Four compulsory core modules **plus** two further PHM1 modules

The Postgraduate Diploma consists of:

Four compulsory core modules, two further PHM1 modules, **plus** four elective modules (at least two must be taken from selection group PHM2, the remainder chosen from the selection groups listed opposite).

The MSc consists of:

Four compulsory core modules, one stream-specific PHM1 module, one further PHM1 module, one stream-specific PHM2 module, plus **either** seven elective modules (at least three must be PHM2 modules, the remaining modules may be chosen from the list opposite) **or** four elective modules (from the list opposite) and a project report.

If on the General stream: either eight elective modules or five elective modules (chosen from the list opposite) and a project report must be chosen after the PHM1 modules. At least one PHM2 module must be chosen if doing the project report; at least four PHM2 modules must be chosen if not doing the project report.

There are four streams to the MSc:

E&H: Environment and Health

HP: Health Promotion

HSM: Health Services Management

Gen: General stream

To gain an MSc with a particular stream, you must complete the relevant compulsory modules for that stream. These are marked **C** in the table opposite. Modules marked **R** are recommended for that stream. Where no compulsory or recommended mark is made, module choice is optional.

Additional information

- All PHM1 modules successfully completed will be assigned 10 credits each; all PHM2 modules will be assigned 15 credits each; the project report will be assigned 45 credits.
- Students who have been examined in and have passed three PHM1 modules may be permitted to proceed to elective module studies.
- For Postgraduate Diploma and MSc students, credit for up to two modules studied at the School (blended learning) may be allowed in place of one or two of the above elective modules, subject to module restrictions. An additional fee will be payable.
- To view the module specifications for this course, please visit our website:

londoninternational.ac.uk/health Note that restrictions and pre-requisites may apply to some of the modules.

MSc streams >>	E&H	HP	HSM	Gen
Four compulsory core modules				
Basic epidemiology – PHM101	С	C	C	С
Basic statistics for public health and policy – PHM102	С	С	С	С
Introduction to health economics – PHM103	C	C	C	C
Principles of social research – PHM104	C	C	C	C
Additional PHM1 core modules				
Issues in public health – PHM105	R			C
Environment, health and sustainable development – PHM106	С			
Foundations for health promotion – PHM107		C		
Health services – PHM108			C	
Health policy, process and power – PHM109		R	R	R
PHM2 elective modules:				
Analytical models for decision making – PHM201			R	
Economic analysis for health policy – PHM203			R	
Economic evaluation – PHM204				R
Environmental epidemiology – PHM205	R			
Environmental health policy – PHM206	C	R		R
Health care evaluation – PHM207		R	R	R
Globalisation and health – PHM209	R	R		R
Medical anthropology in public health – PHM211	R	R		
Principles and practice of health promotion – PHM213	R	C		R
Conflict and health – PHM214		R		R
History and health – PHM215	R	R		R
Sexual health – PHM216		R		R
Applied communicable disease control – PHM218 (available from October 2016)	R	R		R
Evaluation of public health interventions – PHM219		R	R	R
Project report – PHM305				

(New Health Services Management and Organisational Management modules should be available from October 2017).

Selection groups

Elective module from EPM2:

Statistical methods in epidemiology – EPM202

Elective modules from IDM2:

Bacterial infections - IDM201

Nutrition and infection – IDM202

Parasitology – IDM203

Healthcare-associated infections - IDM205

Immunology of infection and vaccines - IDM213

Elective module from IDM3:

Epidemiology and control of infectious diseases in developing countries - IDM301

Elective modules from IDM5:

HIV/AIDS - IDM501

Tuberculosis – IDM502

Malaria - IDM503

Studying individual modules by distance learning

Individual modules

All of the modules in our distance learning MSc programmes can be studied on an individual basis. The modules enable students to refresh their existing skills or develop new skills, and to keep in touch with the latest research and knowledge underlying efforts to improve public health worldwide.

They are particularly suitable for professionals who wish to refresh or modernise their skills in key areas without taking a full postgraduate course. These include those working in non-governmental organisations and government health departments, clinicians, researchers, scientists or other professionals who are exposed to some of the topics covered and wish to learn more. The registration period for those studying an individual module(s) is two years.

Credit transfer

Students who complete individual modules may then wish to move on to register formally for the Postgraduate Certificate, Diploma or MSc courses. The grades and credits awarded for individual module(s) may be transferred to a Postgraduate Certificate, Diploma or MSc provided that the individual modules are included within the structure of that course and the request for transfer is made within three years of having completed the formal assessment for the individual modules.

Students transferring from individual modules study to a formal course will be required to pay the initial course registration fee and the fees for the remaining components of the course.

Before applying to register for a formal course (i.e. Postgraduate Certificate, Postgraduate Diploma or MSc), applicants who do not have the usual academic qualifications may be required to take one individual module in order to qualify for consideration for entry.

Themed groups

We have suggested groupings of specific modules which provide an excellent foundation for those wishing to refresh or update their skills in specific areas. Many of the modules will also be of interest to research degree students whose home institution does not provide training in these disciplines. These themes are suggestions for possible groupings; mention of the themed group will not appear on final transcripts. The themes suggested include:

- Epidemiology and statistics for health Suitable for clinicians or researchers keen to refresh or update their skills in epidemiology and/or statistics. It provides an excellent foundation for professionals working with epidemiologists and statisticians who wish to find out more about the subject area.
- Key infectious diseases
 Suitable for researchers, clinicians
 and other medical practitioners
 keen to refresh or update their
 skills in key infectious diseases. This
 provides a useful opportunity to learn
 more about specific areas within
 the field of infectious diseases.

Health economics
 Suitable for researchers, clinicians and other medical practitioners keen to refresh or update their

skills in health economics.

Further information: lshtm.ac.uk/study/distancelearning

Entry requirements

Where previous experience or qualifications are required, they are listed on the webpage for each course and in the corresponding module specification (accessible via the 'Structure' tab).

Applications

To apply to study individual module(s) please visit the University of London International Programmes relevant course webpage and click on the corresponding 'Apply online' tab (see page 28 for the application and registration process).





Application and registration process

Getting started

You must apply online at: londoninternational.ac.uk/courses/search

Please read the 'Guidance Notes for Applications' before you complete your application

Stage 1

Submit your online application.

Stage 2

Submit your documentary evidence. This can be done online when submitting your application or at a later stage. Please see: londoninternational. ac.uk/applications-admissions/howapply/documentary-evidence

Please do not send original documents (scanned copies are acceptable).

Stage 3

We will contact you by email with one of the following:

Offer Letter: if you meet our entrance requirements and we have seen all required documentation then we will send you an Offer Letter.

Provisional Offer Letter: if you meet our entrance requirements but we have not seen all required documentation then we will send you a Provisional Offer Letter. We will then be able to issue you an Offer Letter once you have submitted the required documentation.

Request for further information:

we require further documentation/ information before we can confirm if you meet our entrance requirements.

We have referred your application to the Course Director: if you do not automatically meet our entrance requirements then we will refer your application to the Course Director for individual consideration. The Course Director will consider your qualifications

and relevant work experience. If we cannot accept you onto the programme that you applied to then (where applicable) we will automatically consider you for an alternative award such as a Postgraduate Diploma, Postgraduate Certificate or Individual Module. If we cannot accept you with your current qualifications and experience then we will inform you of this.

Stage 4

Complete the online registration. We explain how to do this in the Offer Letter.

Stage 5

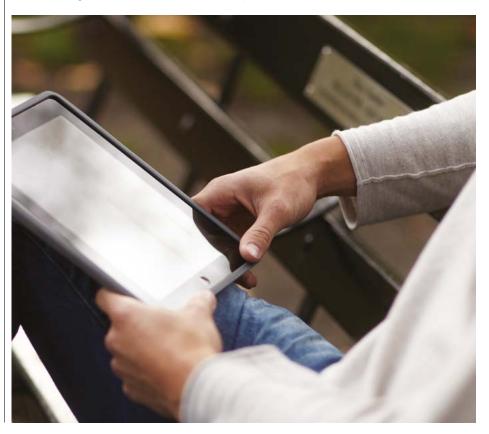
Start your studies. You will be given access to the School's Virtual Learning Environment (Moodle) once it opens at the beginning of October. Study materials for the module(s) you have registered for will be sent to your correspondence address. (Note that Clinical Trials module materials are delivered solely online through the Moodle site.)

Useful information for applicants

Submit your application even it is incomplete (for example, if you are waiting to sit an examination or to receive examination results). Do not delay – we can issue you a Provisional Offer Letter if we can see that you will meet our entrance requirements once you have completed an outstanding examination.

If you are unsure on whether or not you meet our entrance requirements then we might be able to advise you on this before you submit your online application. However, due to our increase in workload we are unable to provide this advice between 1 September and 30 October of each year.

enquiries.londoninternational.ac.uk



Fees

Payment

The fees given below refer to the 2015–2016 academic year only and are effective from 1 March 2015 until 30 November 2015. Fees are subject to annual review and may be paid in one of two ways:

Either

On initial registration, a single payment covering the course registration fee and all module fees:

Postgraduate Certificate	£6,850
Postgraduate Diploma	£9,300
MSc	£11,770

Or

Pay the initial course registration fee, plus the fee for each module you are taking in your first year. Then, in subsequent years, you pay the fee for each new module you take.

Fees for Clinical Trials, Epidemiology, Global Health Policy and Infectious Diseases

Initial course registration fee	£1,100
Fee per core module	£1,440
Fee per elective module	£620
Fee for final project (EPI, GHP and ID)	£1,840
Fee for integrating module (CT)	£1.240

Public Health (PH)				
£1,100				
£960				
£620				
£1,850				

Individual modules

Fee per elective module

registration fee for modules

Fee per core module £1,710 (CT, EPI, GHP and ID)

Fee per core module (PH) £1,140

£1,710

Please note that there is no initial

Fees payable to the University

Please note: fees are subject to annual review. The University reserves the right to amend previously announced fees, if necessary.

All fees must be paid in pounds sterling and can be paid online via the student portal using a credit/ debit card (Visa, MasterCard), by Western Union Quick Pay, banker's draft/cheque or international money/postal order, made payable to 'The University of London'.

Other costs

In addition to course and module fees, students will need to pay local examination centre fees and examination resit fees, if applicable. MSc students who are carrying out a project may also need to budget for travel expenses or consumables, depending on the type of project chosen.

Financial assistance

No financial assistance is available from the University. Some employers in both the public and private sector may be willing to consider offering financial assistance to their employees.

Scholarships

Up-to-date information on scholarships available for the distance learning courses can be found on the London School of Hygiene & Tropical Medicine website: Ishtm.ac.uk/study/funding as well as on the University of London website: Iondoninternational.ac.uk/distance-and-flexible-learning/funding-your-study

Students with disabilities

Disabled students who are resident in the UK may also be able to apply for a Disabled Student Allowance (DSA). For a copy of the information leaflet (which answers most of the questions commonly asked about DSAs) please contact the Disability Rights UK Information Line on 0800 328 5050, textphone 18001 0800 328 5050 or email:

students@disabilityrightsuk.org
The leaflet is also available on
the Disability Rights UK website:
disabilityrightsuk.org/applyingdisabled-students'-allowances-dsas

Armed Forces

Students who are members or exmembers of the UK Armed Forces should note that the University of London has been approved by the Ministry of Defence in support of the Enhanced Learning Credits Scheme (ELC Provider Reference Number 1284). The Scheme provides financial support to eligible Service personnel who wish to enhance their educational or vocational achievements. The Enhanced Learning Credits Scheme Administration Service website can be found at: enhancedlearningcredits.co.uk



prospectus please contact:

The Student Advice Centre, University of London Senate House, Malet Street London WC1E 7HU, United Kingdom Tel: +44 (0)20 7862 8360 enquiries.londoninternational.ac.uk

Study programmes 2015–2016

We offer a wide range of study programmes, from full degree programmes to certificates and individual courses/modules. For further information visit londoninternational.ac.uk/courses

to taken by Molly Miller-Petrie while investigating the management of children's part of her MSc project in Kampong Speu province, Cambodia.



For further information on the range of programmes we offer, please visit our website or contact us at:

The Student Advice Centre University of London Senate House Malet Street London WC1E 7HU United Kingdom

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