



<h1>Module Specification</h1>	 <p>UNIVERSITY OF LONDON INTERNATIONAL PROGRAMMES</p>	<p>LONDON SCHOOL of HYGIENE & TROPICAL MEDICINE</p> 
GENERAL INFORMATION		
Module name	Water, Sanitation and Hygiene	
Module code	IDM215	
Module Organiser(s)	Dr Belen Torondel and Dr Adam Biran	
Contact email	<p>The LSHTM distance learning courses and modules are run in collaboration with the University of London International Programmes. Enquiries may be made via their Student Advice Centre at: http://www.londoninternational.ac.uk/contact-us. (Enquiries from face-to-face i.e. London-based LSHTM MSc or research students regarding study of DL modules should be emailed to distance@lshtm.ac.uk.)</p>	
Home Faculty	<p>Faculty of Infectious & Tropical Diseases London School of Hygiene & Tropical Medicine http://www.lshtm.ac.uk/itd/</p>	
Level	<p>This module is at Level 7 (postgraduate Masters 'M' level) of the QAA Framework for Higher Education Qualifications in England, Wales & Northern Ireland (FHEQ)</p>	
Credit	LSHTM award 15 credits on successful completion of this module	
Accreditation	Not currently accredited by any other body	
Keywords	Water, Sanitation, Hygiene Promotion.	
AIMS, OBJECTIVES AND AUDIENCE		
Overall aim	<p>The aim of this module is to enable students to understand the principles and practices that should underlie water, sanitation and hygiene (WASH) interventions, in order to maximise health and social benefits. The module also aims to empower students to contribute usefully to discussions with other professionals regarding health impacts, technology choice and policy aspects of water supply, excreta disposal and other environmental interventions affecting health in low and middle developing countries.</p>	
Intended learning outcomes	<p>By the end of this module, students should:</p> <ul style="list-style-type: none"> • have a critical understanding of sanitation, water and hygiene interventions and of the ways in which such projects can impact on health in low income settings; • be able to point out the principal pitfalls in health impact measurement, and suggest appropriate alternatives; • be able to discuss the wider social, economic, institutional and environmental contexts of water, hygiene and sanitation strategies; • appraise the existing evidence for the effectiveness of water, hygiene and sanitation interventions; 	

	<ul style="list-style-type: none"> • have a basic understanding of the principles of behaviour change in the water, sanitation and hygiene sector and the pros/cons of alternative ways to measure behaviour change outcomes; • have a basic understanding of the WASH products and services options available and the factors which guide choice of hardware; • have a critical appreciation of the importance of behaviour change communications and demand promotion/creation strategies tailored to the target population in the planning, implementation and evaluation of water, hygiene and sanitation interventions; • be able to apply this understanding to the design, evaluation and critique of such projects. • be able to contribute to the development of different approaches to the provision of sustainable and equitable WASH services in developing countries
Target audience	This module is intended for those who wish to understand the principles of water, sanitation and hygiene promotion interventions for public health in low-income settings.
CONTENT	
Session content	<p>The module currently consists of seven blocks.</p> <p>1) Blocks 1 and 2, provide an introduction to the full module and include sessions addressing the following topics:</p> <ul style="list-style-type: none"> -History of WASH in the global context -Health impact and health importance of WASH programmes -Non-health /benefits of WASH programmes. -Introduction of importance of behaviour change in the WASH sector. -Equity, Inclusion and gender. <p>2) Blocks 3, 4 and 5 provide an overview of WASH technology and intervention strategies. These blocks explain how an understanding of preventive strategy can be put into operation. Students will learn about health and disease and also about the environment, economics, socio-cultural context, and the institutions involved as well as the technical aspects of the performance and supply of WASH products and services. The section sets out the principles and practices relevant to each of these areas so that a water supply and sanitation project can be devised and implemented successfully and sustainably.</p> <p>3) Block 6 describes the evidence for the effectiveness of water, hygiene and sanitation interventions and methods and challenges to monitor and evaluate the effectiveness of these interventions.</p> <p>7) Block 7 covers specific topics related to the WASH sector. This block includes sessions related to:</p> <ul style="list-style-type: none"> -HIV/AIDS and WASH. -Child faeces disposal. -WASH in Health care facilities.

TEACHING, LEARNING AND ASSESSMENT	
Study resources provided or required	<p>The following materials are provided to students after registration for this module once a year in September or October:</p> <p>Study Guide: Online via Moodle</p> <p>Reader: Online reading for courses (ORC)</p> <p>Textbooks: none</p> <p>In addition to the materials above, students are given access to the LSHTM Virtual Learning Environment, Moodle (for web-based discussions forums etc.) and the LSHTM online library resources.</p> <p>Audio-recordings of on-campus lectures are not available for this module.</p>
Teaching and learning methods	<p>Learning is self-directed against a detailed set of learning objectives using the materials provided. Students are strongly encouraged to participate in the module-specific discussion forums available on Moodle, to obtain tutor support, and to make use of LSHTM online library resources. In addition, written feedback is provided on submitted assignments.</p>
Assessment details	<p>Formal assessment of this module includes a two-hour unseen written paper examination with 15 minutes' additional reading/planning time (70%) and an assessed assignment comprising 2500 word essay (30%).</p> <p>If students fail the module overall, they are allowed one further attempt at the failed element (examination and/or assignment).</p>
Assessment dates	<p>Assignments for this module can be submitted only once annually, no later than 31 March and must be submitted via the online Assignment Management System.</p> <p>Unseen written examinations for DL modules are held once a year, in June (including resits).</p> <p>Examinations are normally held in a student's country of residence, in one of over 650 examination centres worldwide. They are arranged mainly through Ministries of Education or the British Council. A list of examination centres can be found at http://www.londoninternational.ac.uk/community-support-resources/current-students/examinations/examination-centres.</p> <p>A local fee will be payable direct to the examination centre. This fee is in addition to the course/module fee and is set by, and paid directly to, the individual examination centres. The level of local examination centre fees varies across the world and neither the University of London International Programmes nor the LSHTM have any control over the fee amount.</p>
Language of study and assessment	<p>English (please see 'English language requirements' below regarding the standard required for entry).</p>
TIMING AND MODE OF STUDY	
Duration	<p>Distance learning module studies begin in early October. Students may start their studies at any time from receipt of access to study materials and work through the material until the start of the June examinations (although assessment submission deadlines which are earlier than this must be observed).</p>
Dates	<p>Tutorial support for distance learning modules is available from the beginning of October through to the end of May.</p>
Mode of Study	<p>By distance learning.</p>

Learning time	<p>The notional learning time for the module totals 150 hours, consisting of:</p> <ul style="list-style-type: none"> • Directed self-study (reading and working through the provided module material) ≈ 85 hours • Self-directed learning (general reading around the subject, library, Moodle discussion forums) ≈ 25 hours • Assessment, review and revision ≈ 40 hours
APPLICATION, ADMISSION AND FEES	
Pre-requisites	<p>Those who wish to study this module as an individual module or as part of another course should have a prior knowledge of basic biology in order to be able to work through and benefit fully from this module.</p> <p>Those wishing to study this module must have regular access to the internet to access the study materials, participate in module-specific discussions and tutorials on Moodle, benefit from online library facilities and submit assignments.</p>
English language requirements	<p>A strong command of the English language is necessary to benefit from studying the module. Applicants whose first language is not English or whose prior university studies have not been conducted wholly in English must fulfil LSHTM's English language requirements, with an acceptable score in an approved test taken in the two years prior to entry. Applicants may be asked to take a test even if the standard conditions have been met.</p>
Student numbers	<p>There is no cap on the number of students who can register for this distance learning module. The number of students actively studying this module varies, but typically approximately 50 students register for the module per year.</p>
Student selection	<p>This module is available to be studied by students on the following distance learning courses:</p> <p>MSc or PG Dip Infectious Diseases (ID), Clinical Trials (CT), Public Health (PH) or MSc Epidemiology (EP) courses.</p> <p>Alternatively, students may register for this as an “individual module”.</p> <p>This module is also open to students registered on LSHTM face-to-face (i.e. London-based) MSc courses (subject to course-specific limitations) and research degree students.</p>
Fees	<p>For the current schedule of fees click on the LSHTM course link.</p>
Scholarships	<p>Scholarships are not available for individual modules. Some potential sources of funding are detailed on the LSHTM website.</p>
Admission deadlines	<p>Applications for LSHTM distance learning courses and modules are managed by the University of London International Programmes. To apply to take either a formal award (i.e. PG Certificate, PG Diploma or MSc) or an individual module, click the relevant link on the right hand side of the page at http://www.londoninternational.ac.uk/courses/postgraduate/lshtm/infectious-diseases-msc-postgraduate-diploma-postgraduate-certificate</p> <p>Key deadlines are as follows:</p> <ul style="list-style-type: none"> ➤ Application deadline: 31 August each year <p>(Note: applicants who submit applications on or after 1 June 2017 will be required to pay an application fee of £100 at the point of submission, which will be deducted from the balance of fees payable upon registration. If the application does not result in registration, the application fee will not be</p>

refunded. No application fee will apply to applications submitted on or before 31 May 2017.)

- Registration deadline (new students and those registering for the project module, IDM600): 30 September each year
- Registration deadline (continuing students, with the exception of those registering for the project module IDM600, and those taking individual modules): 31 October.

Please note: *The academic year starts 1 October. Students who register after 1 October should note that module welcome and Collaborate sessions held in October are recorded, but they cannot request an extension to assignment submission deadlines or apply for an examination extenuating circumstance as a result of registering later than 1 October.*

(LSHTM research students wishing to study this module should note information given in the [mixed mode study option](#) document.

ABOUT THIS DOCUMENT

This module specification applies for the academic year 2017/18

Last revised/approved by M. Bridge on 1/2/17

Further revisions by on

London School of Hygiene & Tropical Medicine, Keppel St., London WC1E 7HT.

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