

# Module Specification

LONDON  
SCHOOL of  
HYGIENE  
& TROPICAL  
MEDICINE



## ABOUT THIS DOCUMENT

This module specification applies for the academic year 2019-20

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## GENERAL INFORMATION

<b>Module name</b>	<b>HIV</b>
<b>Module code</b>	3174
<b>Module Organisers</b>	Dr Katharina Kranzer and Dr Maria Ruperez Larrea
<b>Contact email</b>	<a href="mailto:katharina.kranzer@lshtm.ac.uk">katharina.kranzer@lshtm.ac.uk</a> and <a href="mailto:maria.ruperez@lshtm.ac.uk">maria.ruperez@lshtm.ac.uk</a>
<b>Home Faculty</b>	Infectious & Tropical Diseases
<b>Level</b>	Level 7 (postgraduate Masters 'M' level) of the QAA <a href="#">Framework for Higher Education Qualifications</a> in England, Wales & Northern Ireland (FHEQ)
<b>Credit</b>	15 credits
<b>Accreditation</b>	Not currently accredited by any other body
<b>Keywords</b>	HIV/AIDS; communicable disease; sexual and reproductive health; disease prevention and control;

## AIMS, OBJECTIVES AND AUDIENCE

**Overall aim** To cover a comprehensive range of topics on the human immunodeficiency virus (HIV) and the acquired immune deficiency syndrome (AIDS), and intended to be applicable in a wide variety of settings

**Intended learning outcomes** By the end of this module, students should be able to:

- Demonstrate knowledge and understanding of key issues relating to basic science, clinical medicine, epidemiology, social science and prevention of HIV/AIDS
- Identify the routes of transmission of HIV
- Compare global patterns of transmission and identify consequences for prevention and treatment
- Explain the nature and course of HIV infection, including HIV disease and AIDS
- Explain the use of laboratory investigations used for diagnosis and treatment of HIV infection and HIV disease
- Describe the main groups of opportunistic infections, including viral, bacterial, fungal and parasitic infections, and their management
- Explore and assess a range of different interventions and programmes for prevention of HIV

	<ul style="list-style-type: none"> <li>Understand societal and structural issues that facilitate the HIV pandemic</li> </ul>
<b>Target audience</b>	This module is intended for students with some level of scientific background who wish to broaden their perspective of the various subject areas of HIV/AIDS. Students who wish to concentrate on biomedical aspects of HIV/AIDS should consider taking the Clinical Virology (3187) module.
<b>CONTENT</b>	
<b>Session content</b>	<p>The module is expected to include sessions addressing the following topics:</p> <ul style="list-style-type: none"> <li>The biology of the human immunodeficiency virus (HIV) how this effects the immune system</li> <li>Clinical features of HIV infection including diagnosis and treatment</li> <li>Epidemiology of HIV infection</li> <li>Routes of transmission and the impact of HIV/AIDS prevention and control strategies</li> <li>Social determinants that are relevant to the spread and control of HIV</li> <li>Issues related to HIV programming, counselling and ethical issues</li> <li>An in depth debate</li> </ul>
<b>TEACHING, LEARNING AND ASSESSMENT</b>	
<b>Study resources provided or required</b>	Module Information can be found on the Virtual Learning Environment (Moodle) containing information about each session and key references for the module.
<b>Teaching and learning methods</b>	The main teaching methods used will be lectures, group work and seminars followed by presentations and discussions, interactive sessions using film material providing a historical perspective of the politics of the response to HIV, Q&A with advocates and patients and discussions with media experts. There will be some (relatively few) sessions for private study and sessions for the assignment of group work.
<b>Assessment details</b>	<p>The assignment is a combination of:</p> <p><b>Group work aimed to provide a country profile</b> (30% of the total marks)</p> <p><b>An individual one-page proposal</b> to reduce the HIV burden in that country (70% of the total marks)</p> <p>Resit/deferred/new attempts - The tasks will be to redo one-page proposal summary using original group work as the basis.</p>
<b>Assessment dates</b>	<p>Assignments will need to be handed in on a specified day at the end of the module.</p> <p>Resit/deferred/new attempts - The next assessment deadline will be during mid/late September of the current academic year.</p>
<b>Language of study and assessment</b>	English (please see 'English language requirements' below regarding the standard required for entry).
<b>TIMING AND MODE OF STUDY</b>	

<b>Duration</b>	5 weeks at 2.5 days per week
<b>Dates</b>	Wednesday to Friday afternoon
<b>Timetable slot</b>	Term 3 - slot <b>E</b>
<b>Mode of Study</b>	The module is taught face-to-face in London. Both full-time and part-time students follow the same schedule.
<b>Learning time</b>	The notional learning time for the module totals 150 hours, consisting of: <ul style="list-style-type: none"> <li>• Contact time ≈ 60 hours</li> <li>• Directed self-study ≈ 30 hours</li> <li>• Self-directed learning ≈ 40 hours</li> <li>• Assessment, review and revision ≈ 20 hours</li> </ul>
<b>APPLICATION AND ADMISSION</b>	
<b>Pre-requisites</b>	None
<b>English language requirements</b>	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 <a href="#">English language requirements</a> .
<b>Student numbers</b>	40 (numbers may be capped due to limitations in facilities or staffing)
<b>Student selection</b>	Preference will be given to LSHTM MSc students and LSHTM research degree students. Other applicants meeting the entry criteria will usually be offered a place in the order applications are received, until any cap on numbers is reached. Applicants may be placed on a waiting list and given priority the next time the module is run. Full Registration (full participation) by LSHTM research degree students is required for this module.