

Module Specification

LONDON
SCHOOL of
HYGIENE
& TROPICAL
MEDICINE



ABOUT THIS DOCUMENT

This module specification applies for the academic year 2019-20

Last revised 18 October 2019

London School of Hygiene & Tropical Medicine, Keppel St., London WC1E 7HT. www.lshtm.ac.uk

GENERAL INFORMATION

Module name	Clinical Bacteriology 2
Module code	3165
Module Organiser	Dr Lisa Dawson
Contact email	Lisa.Dawson@lshtm.ac.uk
Home Faculty	Infectious & Tropical Diseases
Level	Level 7 (postgraduate Masters 'M' level) of the QAA Framework for Higher Education Qualifications in England, Wales & Northern Ireland (FHEQ)
Credit	15 credits
Accreditation	Not currently accredited by any other body
Keywords	Bacterial, Laboratory Science

AIMS, OBJECTIVES AND AUDIENCE

Overall aim	To provide a review of the aetiology, pathogenesis, epidemiology, diagnosis, control and therapy of human bacterial infections of clinical importance that were not covered in the module Clinical Bacteriology 1 (3157).
Intended learning outcomes	By the end of this module, students should be able to: <ul style="list-style-type: none">• Demonstrate knowledge and understanding of essential theory and practice of bacteriology in relation to infectious diseases• Demonstrate knowledge and understanding of bacteriological investigations required for the diagnosis and treatment of the infected individual• Perform various clinical laboratory procedures including specimen processing, isolation, identification and susceptibility testing of bacterial pathogens
Target audience	This module is intended for students who have completed the module Clinical Bacteriology 1 (3157) or have previous practical experience of bacteriology and wish to advance their knowledge of topics not covered in module 3157 and acquire further laboratory competence. It is complementary to module 3157.

CONTENT	
Session content	<p>The module is expected to include sessions addressing the following topics:</p> <ul style="list-style-type: none"> • Infectious bacterial diseases • Laboratory investigations necessary for the diagnosis and treatment of the infected individual • Processing of clinical specimens, including isolation, identification and susceptibility testing of bacterial pathogens
TEACHING, LEARNING AND ASSESSMENT	
Study resources provided or required	Module Information can be found on the Virtual Learning Environment (Moodle) containing information about each session and key references for the module. All materials and equipment for the practical sessions will be provided.
Teaching and learning methods	This module consists of lectures and practical sessions. The practical focus is of particular importance.
Assessment details	<p>The written examination will consist of short notes questions (50% of marks) and there will also be practical spot tests (50% of marks) to determine students' ability to apply acquired knowledge in the identification of bacterial pathogens.</p> <p>Resit/deferred/new attempts - The task will be a coursework assessment consisting of 4 short essay questions.</p>
Assessment dates	<p>Assessments will take place during Week 5.</p> <p>Resit/deferred/new attempts - The next assessment deadline will be during mid/late September of the current academic year.</p>
Language of study and assessment	English (please see 'English language requirements' below regarding the standard required for entry).
TIMING AND MODE OF STUDY	
Duration	5 weeks at 2.5 days per week
Dates	Wednesday afternoon to Thursdays
Timetable slot	Term 2 – slot D2
Mode of Study	The module is taught face-to-face in London. Both full-time and part-time students follow the same schedule.
Learning time	<p>The notional learning time for the module totals 150 hours, consisting of:</p> <ul style="list-style-type: none"> • Contact time ≈ 52 hours • Self-directed learning ≈ 48 hours • Assessment, review and revision ≈ 50 hours
APPLICATION AND ADMISSION	
Pre-requisites	This module is intended for students who have completed Clinical Bacteriology 1 (3157) or have previous practical experience of bacteriology and wish to advance their knowledge of topics not covered in module 3157 and acquire further laboratory competence.

English language requirements	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 .
Student numbers	20 to 24 (numbers may be capped due to limitations in facilities or staffing)
Student selection	<p>Preference will be given to LSHTM MSc students who have completed the Clinical Bacteriology 1 module (3157) in the C2 slot in Term 2. 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.</p> <p>Full Registration (full participation) by LSHTM research degree students is required for this module.</p>