



MODULE SPECIFICATION

Academic Year (student cohort covered by specification)	2024-25
Module Code	3000
Module Title	Extended Project
Module Organiser(s)	Dr Theresa Ward
Faculty	Infectious & Tropical Diseases
FHEQ Level	Level 7
Credit Value	CATS: 15 ECTS: 7.5
HECoS Code	100345:100265:100948 (1:1:1)
Term of Delivery	Term 2/3
Mode of Delivery	For 2024-25 this module will be delivered by predominantly face-to-face teaching modes. Where specific teaching methods (lectures, seminars, discussion groups) are noted in this module specification these will be delivered by predominantly face-to-face sessions. There will be a combination of live and interactive activities (synchronous learning) as well as recorded or self-directed study (asynchronous learning).
Mode of Study	Full-time
Language of Study	English
Pre-Requisites	A good understanding of immunology of infection and the student will be undertaking a research project at LSHTM.
Accreditation by Professional Statutory and Regulatory Body	Not currently accredited by any other body.
Module Cap (Indicative number of students)	N/A
Target Audience	This module is intended for students who wish to learn about research methods and techniques with interest in laboratory-based research.
Module Description	This module has a focus on technical understanding and is linked to undertaking a longer research project. This module is compulsory if taking the Extended Project option as part of the MSc Immunology of Infectious Diseases.
Duration	5 weeks at 2.5 days per week



Timetabling slot	Slot D1/D2/E	
Last Revised (e.g. year changes approved)	September 2024	
Programme(s)	Status	
This module is linked to the following programme(s)		
MSc Immunology of Infectious Diseases	Compulsory (if taking the Extended Project option)	

Module Aim and Intended Learning Outcomes

Overall aim of the module
The extended project option is for students who have a good background in immunology theory and who wish to gain more experience in the laboratory. The Extended Project module is expected to complement the laboratory work by providing further understanding of contemporary immunological methodologies.

Module Intended Learning Outcomes
By the end of this module, students will be able to: Evaluate and analyse the relevance of contemporary techniques to the study of immunology;
<ol style="list-style-type: none"> 1. Critically assess how research techniques are applied to infectious disease research; 2. Summarise how these techniques enable advances in understanding in infectious disease immunology as well as potential limitations; 3. Communicate conclusions made from advanced scientific information in writing.

Indicative Syllabus

Session Content
The module is expected to cover the following topics:
<ul style="list-style-type: none"> • Practical and technical as well as theoretical issues surrounding major methodologies in immunological research • Application of these methodologies to infectious disease immunology, relating to one or more pathogens.

Teaching and Learning

Notional Learning Hours

Type of Learning Time	Number of Hours	Expressed as Percentage (%)
Contact time	80	53
Directed self-study	20	13
Self-directed learning	40	27
Assessment, review and revision	10	7
Total	150	100

Teaching and Learning Strategy

Guidance on appropriate techniques to be reviewed will be provided by the Module Organiser and project supervisor. The student will then need to undertake database searches on these methods and relate this to the area of their research project and methods they are using and evaluate their usefulness by reference to recent cutting edge publications.

Assessment

Assessment Strategy

The assessment for this module has been designed to measure student learning against the module intended learning outcomes (ILOs) as listed above. Formative assessment methods may be used to measure students' progress. The grade for summative assessment(s) only will go towards the overall award GPA.

The assessment task for this module will be online.

The assessment is an essay. The assessment is submitted at the end of the E module slot.

Summative Assessment

Assessment Type	Assessment Length (i.e. Word Count, Length of presentation in minutes)	Weighting (%)	Intended Module Learning Outcomes Tested
Coursework Essay	max 5000 words	100	1-4



Resitting assessment

Resits will accord with [Chapter 8a](#) of the LSHTM Academic Manual.

Resit/deferred/new attempts – the task will be the same as the original assessment but with a different essay topic.

Resources

Indicative reading list

There is no compulsory reading material provided for this module.

Other resources

Project Handbook and guidance notes will be provided via the LSHTM Virtual Learning Environment, Moodle.

[Access](#) to LEO, ethics resources & training session is provided via Moodle.

Teaching for Disabilities and Learning Differences

The module-specific site on Moodle gives students access to lecture notes and copies of the slides used during the lecture. Where appropriate, lectures are recorded and made available on Moodle. All materials posted on Moodle, including computer-based sessions, have been made accessible where possible.

LSHTM Moodle is accessible to the widest possible audience, regardless of specific needs or disabilities. More detail can be found in the [Moodle Accessibility Statement](#) which can also be found within the footer of the Moodle pages. All students have access to “SensusAccess” software which allows conversion of files into alternative formats.

Student Support Services can arrange learning or assessment adjustments for students where needed. Details and how to request support can be found on the [LSHTM Disability Support pages](#).

Project-dependent access will need to be discussed on an individual basis.