

Module Specification (Distance Learning)

In collaboration with University of London International Programmes



1. Title:	Hospital Infection
2. Module code:	IDM205
3. Institution:	Faculty of Infectious and Tropical Diseases London School of Hygiene and Tropical Medicine Keppel Street London WC1E 7HT http://www.lshtm.ac.uk/itd/
4. Module Organiser:	Dr Shuja Shafi
5. Mode of study:	Distance Learning
6. Type:	Elective module
7. Duration and dates:	<p>Deadlines if taken as part of a formal award:</p> <p>Application deadline: 30 June each year</p> <p>Registration deadline: 31 August each year</p> <p>Course registration duration: Up to 5 years</p> <p>Course starts: 1 October each year</p> <p>Examination takes place: Usually June each year (date to be confirmed)</p> <p>Deadlines if taken as an individual module (i.e. not registered for formal award):</p> <p>Application deadline: 31 August each year</p> <p>Registration deadline: 30 November each year</p> <p>Registration duration: 2 years</p> <p>Module study starts: 1 October each year</p> <p>Examination takes place: Usually June each year (date to be confirmed)</p>
8. Credit points:	15 credit points will be awarded on successful completion of this module at Masters level (Level 7).
9. Notional Learning Hours (NLH):	On average the module should take about 150 hours to complete, consisting of the following: Directed self-study: 75 hours Self-directed learning: 25 hours Assessment, review and revision: 50hours
10. Aim:	The aim of this module is to give students the necessary knowledge to be able to develop a strategy to prevent hospital infections. If presented with infected patients, the students would know what clinical samples should be collected and how the information derived from them could be used to inform a strategy for the prevention of hospital infection.
11. Learning objectives:	On completing this module students should be able to describe the : <ul style="list-style-type: none"> • essential theory and practice of nosocomial infections, • microbiological diagnosis and control of these infections, • role of health care professionals in the surveillance and management of hospital infections.
12. Content:	This module contains four sections, as follows: Section 1 Epidemiology and management How to develop a suitable management response: the role of epidemiology in the managerial & organizational requirements for the prevention & control of hospital acquired infections. Section 2 Microorganisms and the spread of infection

	<p>The aetiology and pathogenesis of nosocomial pathogens and the role of the microbiology laboratory in the diagnosis and surveillance of infections.</p> <p>Section 3 Prevention of infection: nursing aspects Preventative measures which are essential components in the delivery of care to patients; principally, aseptic & hygienic techniques and isolation as a means of infection control.</p> <p>Section 4 Prevention of infection: hospital environment The procedures and systems necessary to prevent the spread of infection within hospital & healthcare settings; including cleaning, disinfection, sterilization, disposal of clinical waste, processing laundry, kitchen hygiene and management of patients at particular risk.</p>
13. Learning methods:	<p>Learning is self-directed against a set of learning objectives, using the materials provided.</p> <p>Student support is available from the module tutors via a web-based discussion forum in which students are encouraged to participate. In addition, module tutors provide written feedback on the submitted assessed assignment.</p>
14. Study resources provided:	<p>Study Guide: Paper version</p> <p>Reader (folder containing associated journal articles)</p> <p>Textbooks: Goering, R., et al (2007) <i>Mims' Medical Microbiology</i>. 4th Ed. Mosby. ISBN: 9780323044752. Fraise, A.P., & Bradley. C., (2009). <i>Ayliffe's Control of Healthcare Associated Infection A Practical Handbook</i>. 5th Ed. Oxford University Press. ISBN: 9780340914519.</p> <p>Registered students have access to the School's online library resources. Students who are taking this as part of MSc PH or MSc EP will also have online access to the MSc ID core study materials (this access will exclude tutor support and associated textbooks).</p>
15. Assessment procedures:	<p>Formal assessment of this module includes an assessed assignment (30% of the total grade for the module) and a 2-hour unseen written examination (70% of the total grade for the module). The examination paper may consist of a choice of essay and short answer questions.</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 local fee will be payable. A list of examination centres can be found at http://www.londoninternational.ac.uk/current_students/general_resources/exams/exam_centres/index.shtml.</p> <p>If students fail an examination at the first entry they will be allowed one further attempt, the following year.</p>
16. Prerequisites:	<p>To benefit fully from this module those who register for it are strongly recommended either to be currently working in or to have previously worked in a hospital. The type of hospital is unimportant.</p> <p>Those wishing to study this module must have regular access to the internet to benefit from library facilities, participate in web-based conference discussions and submit assignments.</p> <p>Students must meet the standard of English required to study this course. See http://www.lshtm.ac.uk/prospectus/english.html.</p>
17. Attendance:	No maximum number

18. Selection, if applicable:	<p>This module is available only to those registered for the MSc <u>Infectious Diseases</u> (ID), <u>Epidemiology</u> (EP), or <u>Public Health</u> (PH) courses. Alternatively, it can be taken as an individual module. Those studying for the PG Diploma ID or PH courses under the credit framework scheme may also study this module.</p> <p>Those who wish to study this module as part of an EP or PH course, or as an individual module, should note that the study material may refer to ID core modules (IDM101, IDM102, IDM103 and IDM104) which they may not have studied. In particular, students should have a prior knowledge of basic biochemistry, cell biology, genetics and immunology in order to be able to work through and benefit fully from this module. (See section 14 above.)</p>
19. Fees:	<p>For current schedule of fees see http://www.londoninternational.ac.uk/fees/schedules/lshtm.pdf.</p>
20. Scholarships:	None available
21. External accreditation:	None
22. Application process:	<p>Applications are managed by the University of London International Programmes (website: http://www.londoninternational.ac.uk/).</p>
23. Further enquiries:	<p>Enquiries may be emailed to distance@lshtm.ac.uk.</p>