

Course title	Infection and Immunity				
Course code	GEMD-302				
Course type	Required				
Level	Undergraduate				
Year / Semester	Year 3, Semester 5				
Teacher's name	Dr George Siakallis and Dr Danny Alon-Ellenbogen				
ECTS	13	Teaching Periods per Week			
		Large Group Learning	Small Group Learning	Laboratories & Skills	Clinical Practice
		6	6	5	6
Course purpose and objectives	<p>The aim of the course is:</p> <ul style="list-style-type: none"> • to provide the students with an understanding of the cellular and molecular mechanisms involved in infection and immunity. • to provide the students with an understanding of different types of pathogens. • to introduce the students to the various clinical manifestations of infective illnesses. • to introduce the students to the preventative, investigative and therapeutic principles underlying the management of infection. • to develop the student's consultation skills and professional competencies in relationship to managing patients with infectious diseases. 				
Learning outcomes	Due to the nature of Problem Based Learning (PBL), the full list of objectives will be available at the end of each PBL week.				
Prerequisites	None	Required	None		
Course content	<ul style="list-style-type: none"> • The cellular and molecular biology of immunity • The presentation and progress of infection • Rational approaches to the prevention and diagnosis of infectious diseases • The principles underlying the management of infection with the available modalities including innovative therapeutic approaches 				
Teaching methodology	<p>Lectures – normally two face-to-face, two on-line p/week</p> <p>Tutorials – two case-based learning small group sessions, two expert-led class discussions/debates</p> <p>Flipped classroom activities</p> <p>Community and/or hospital visits each week, relating to the case of the week</p>				

	Student centred learning/self-study																		
Bibliography	Required textbooks/reading																		
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Assessment	The course will be assessed at the end of Semester 6 with a Summative Final Examination consisting of Single Best Answer MCQs (SBAs) and Short Answer Questions (SAQs). Clinical and consultation skills will be assessed in an OSCE.																		
Language	English																		