

Course title	Absorption, Excretion and Endocrine				
Course code	GEMD-202				
Course type	Required				
Level	Undergraduate				
Year / Semester	Year 2, Semester 3				
Teacher's name	Dr Agnieszka Mitsides				
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 this course is to:</p> <ul style="list-style-type: none"> • Provide the students with an understanding of the normal structure and function of the gastrointestinal, renal & genitourinary and endocrine systems • Introduce the students to the pathophysiology and pathology of various conditions affecting these systems • Provide the students with an understanding of the clinical manifestations of various gastrointestinal, renal & genitourinary and endocrine conditions • Introduce the students to the investigative and therapeutic principles underlying the management of gastrointestinal, renal & genitourinary and endocrine conditions • Develop the student's consultation skills and professional competencies in relationship to managing patients with gastrointestinal, renal & genitourinary and endocrine conditions 				
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 normal structure and function of the gastrointestinal tract, liver, gallbladder biliary tree pancreas and spleen, the renal & genitourinary system and the endocrine system (hypothalamic-pituitary axis, pituitary thyroid, parathyroid and adrenal glands) • Digestion, absorption and excretion • Hypothalamic, pituitary, thyroid, parathyroid, pancreatic, renal and adrenal hormones • The pathophysiology and pathology of various conditions affecting the GI, renal & genitourinary and endocrine systems, including malabsorption syndromes, jaundice, acute and chronic renal failure and diabetes • The management of such conditions 				

	<ul style="list-style-type: none"> The consultations skills, examination skills and professional competencies required to deal with patients with GI, renal & genitourinary and endocrine conditions 																																																
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> <p>Student centred learning/self-study</p>																																																
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Assessment	<p>The course will be assessed at the end of Semester 3 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.</p>																																																
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