

<b>Course title</b>	<b>Clinical Specialities: Gastroenterology, Endocrinology</b>			
<b>Course code</b>	<b>GEMD-401</b>			
<b>Course type</b>	Required			
<b>Level</b>	Undergraduate			
<b>Year / Semester</b>	Year 4 / Semester 7/8 (rotation)			
<b>Teacher's name</b>	Course Lead: TBA			
<b>ECTS</b>	60	<b>Teaching Periods per Week</b>		
		<b>Large Group Learning</b>	<b>Small Group Learning</b>	<b>Clinical Practice</b>
		6	2	30
<b>Course purpose and objectives</b>	<p>The main objectives of the last two years of the five-year medical programme are to provide students with extensive experience in the clinical environment, mainly in hospitals but also in the community, so that they can utilise their learning over the previous three years to practise their clinical, communication, diagnostic and reasoning skills on real patients, and to learn about the management of patients, from a medical, therapeutic, surgical, psychosocial and caring perspective.</p> <p>In this course, students will spend five weeks working primarily with patients with gastrointestinal (including liver and pancreas) and endocrine disorders</p> <p>They will develop an understanding of the presentation, signs and symptoms, physical examination findings, investigations, diagnosis, treatment (medical and/or surgical as appropriate) and management plan for common gastrointestinal and endocrine disorders.</p> <p>The students will learn how to take detailed histories from, carry out systematic clinical examination of, and interpret laboratory and imaging data on patients with disorders of the GI and endocrine systems. The students will gain a basic understanding of the application and type of information to be obtained from different methods of investigation. They will also spend time in theatre observing gastrointestinal and endocrine surgery.</p>			
<b>Learning outcomes</b>	<p>At the end of the course, the student will be able to:</p> <ol style="list-style-type: none"> <li>1. Take a focused history from a patient, or relative of a patient, presenting with a gastrointestinal (including liver and pancreatic) or endocrine disorder, in a sensitive and caring manner</li> <li>2. Carry out a sensitive physical examination as part of investigation of the presenting complaint</li> <li>3. Discuss a differential diagnosis for the presenting complaint</li> </ol>			

	<p>4. Apply their knowledge of basic and clinical science to identify and explain appropriate investigations, including sputum, blood, urine and faecal tests, imaging, fine needle aspiration, and biopsy to assist in the diagnosis of the presenting complaint and to interpret the results from such tests</p> <p>5. Prepare and explain a treatment management plan for the patient to present to the responsible clinician to include medical, pharmacological, surgical options as appropriate</p> <p>6. Observe, and where appropriate carry out or assist with, medical and surgical procedures relating to patients with gastrointestinal and endocrine conditions, planned and opportunistic</p> <p>7. Prescribe medications to treat patients with gastrointestinal and endocrine disorders and make appropriate therapeutic/management decisions.</p>																												
<b>Prerequisites</b>	None	<b>Required</b>	None																										
<b>Course content</b>	<p>Common presentations affecting the gastrointestinal and endocrine systems including:</p> <ul style="list-style-type: none"> <li>• acute and chronic abdominal pain</li> <li>• gastrointestinal bleeding</li> <li>• inflammatory bowel disorders</li> <li>• diseases of the liver and biliary tract</li> <li>• oesophageal, gastric, colonic and rectal cancer</li> <li>• endocrine disorders of the hypothalamus, pituitary, thyroid, parathyroid, adrenal and pancreas</li> </ul>																												
<b>Teaching methodology</b>	The course is delivered by clinical placements, lectures, tutorials, case studies and group discussions.																												
<b>Bibliography</b>	<p>Required textbooks/reading</p> <table border="1" data-bbox="475 1480 1485 1964"> <thead> <tr> <th data-bbox="475 1480 667 1514"><b>Authors</b></th> <th data-bbox="675 1480 874 1514"><b>Title</b></th> <th data-bbox="882 1480 1007 1514"><b>Edition</b></th> <th data-bbox="1015 1480 1177 1514"><b>Publisher</b></th> <th data-bbox="1185 1480 1289 1514"><b>Year</b></th> <th data-bbox="1297 1480 1485 1514"><b>ISBN</b></th> </tr> </thead> <tbody> <tr> <td data-bbox="475 1520 667 1671">Logan, R, Harris, A, Misiewicz, J &amp; Baron, J</td> <td data-bbox="675 1520 874 1671">ABC of the Upper Gastrointestinal Tract,</td> <td data-bbox="882 1520 1007 1671"></td> <td data-bbox="1015 1520 1177 1671">BMJ Books</td> <td data-bbox="1185 1520 1289 1671">2002</td> <td data-bbox="1297 1520 1485 1671">0727912666</td> </tr> <tr> <td data-bbox="475 1677 667 1839">Smith, Margaret E &amp; Morton, Dion G</td> <td data-bbox="675 1677 874 1839">Digestive system: basic science and clinical conditions</td> <td data-bbox="882 1677 1007 1839">2nd</td> <td data-bbox="1015 1677 1177 1839">Churchill Livingstone</td> <td data-bbox="1185 1677 1289 1839">2000</td> <td data-bbox="1297 1677 1485 1839">9781881041641</td> </tr> <tr> <td data-bbox="475 1845 667 1964">Wass J Arlt W, Semple R</td> <td data-bbox="675 1845 874 1964">Oxford Textbook of Endocrinology and Diabetes</td> <td data-bbox="882 1845 1007 1964">3rd</td> <td data-bbox="1015 1845 1177 1964">Oxford University Press</td> <td data-bbox="1185 1845 1289 1964">2021</td> <td data-bbox="1297 1845 1485 1964">9780198870197</td> </tr> </tbody> </table>					<b>Authors</b>	<b>Title</b>	<b>Edition</b>	<b>Publisher</b>	<b>Year</b>	<b>ISBN</b>	Logan, R, Harris, A, Misiewicz, J & Baron, J	ABC of the Upper Gastrointestinal Tract,		BMJ Books	2002	0727912666	Smith, Margaret E & Morton, Dion G	Digestive system: basic science and clinical conditions	2nd	Churchill Livingstone	2000	9781881041641	Wass J Arlt W, Semple R	Oxford Textbook of Endocrinology and Diabetes	3rd	Oxford University Press	2021	9780198870197
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	Holt, EH, Lupsa, B, Lee, GS, Bassyouni, H, Peery, H	Goodman's Basic Medical Endocrinology	5th	Elsevier	2021	9780128158449
	Joint Formulary Committee	<a href="https://bestpractice.bmj.com/drugs">https://bestpractice.bmj.com/drugs</a>	Last one	BMJ Group and Pharmaceutical Press.	Current year	
	National Institute for Health and Clinical Excellence	<a href="https://www.nice.org.uk/guidance">https://www.nice.org.uk/guidance</a>	Last one		Current year	
	Recommended textbooks/reading					
	<b>Authors</b>	<b>Title</b>	<b>Edition</b>	<b>Publisher</b>	<b>Year</b>	<b>ISBN</b>
	Hall I	Gastrointestinal Tract Disorders: Diagnosis and Treatment	1st	Barnes & Noble	2021	97816398725354
<b>Assessment</b>	End of year exam and end of year OSCE. The written assessment will be Single Best Answer MCQs and Short Answer Questions. Workplace based assessments will take place during the attachment.					
<b>Language</b>	English					