

Nutrition & Metabolism module (NUTM-211) 2025-2026

Day	Topic	9 am-10 am	10 am-11 am	11 am -12 pm	12 pm -1 pm	1-2pm	2pm- 4pm
Saturday 20/9/2025	L1 (Community)(G3L.H1) Food Pyramid & diet planning	GA	GB	GC	GD	ساعة مكتبية	
	L2 (Histo.)(G3L.H2) Histological structure of lips, tongue& salivary glands	GB	GA	GD	GC		
	Pract.1 (COMM) Nutritional assessment	GC		GA			GB-GD
	TUT 1 (Histo) Histological structure of GIT parts	GD		GB			GA-GC
Sunday 21/9/2025	Skill lab						
	Skill lab	A1		9-10			
		A2		10.30-11.30			
		A3		12-1			
		A4		2.30-3.30			
Monday 22/9/2025	L3(ANAT)(G3L.H1) Anatomy of Oral cavity & palate	GA	GB	GC	GD	ساعة مكتبية	
	L4 (Bio)(G3L.H2) Amino acid metabolism1	GB	GA	GD	GC		

	Pract.2(ANAT) Anatomy of Salivary glands	GC		GA			GB-GD
	TUT 2 (Bio) Inborn errors of metabolism related to amino acids (glycine)	GD		GB			GA-GC
Tuesday 23/9/2025	L5 (COMM)(G3L.H1) Obesity	GA	GB	GC	GD	ساعه مكتبيه	
	L6 (Physio)(G3L.H2) An overview of GIT functions in digestion & absorption	GB	GA	GD	GC		
	Pract.3 (COMM) Nutritional assessment& obesity	GC		GA			GB-GD
	TUT 3 (Physio) Hormonal regulation of upper GIT functions	GD		GB			GA/GC

Wednesday 24/9/2025	L7(ANAT)(G3L.H1) Anatomy of the pharynx and esophagus	GA	GB	GC	GD	ساعة مكتبية	
	L8 (Bio)(G3L.H2) Amino acid metabolism 2	GB	GA	GD	GC		
	Pract.4 (Bio) Chromatography	GC		GA			GB /GD
	TUT 4 (ANAT) Parotid gland	GD		GB			GA-GC
Thursday 25/9/2025	L9 (Physio)(G3L.H1) Functions of salivary glands' secretions Mastication of food & Swallowing	GA	GB	GC	GD	ساعة مكتبية	
	L10 (Community)(G3L.H2) Food Pyramid & diet planning	GB	GA	GD	GC		
	Pract.5 (Physio) Splanchnic circulation	GC		GA			GB/ GD
	TUT 5 (COMM) Food balance sheet	GD		GB			GA/GC

Day	Topic	9 am-10 am	10 am-11 am	11 am -12 pm	12 pm -1 pm	1-2pm	2 pm- 4 pm
Saturday 27/9/2025	L11 (Histo)(G3L.H1) Histological structure of esophagus& stomach	GA	GB	GC	GD	ساعة مكتبية	
	L12 (COMM)(G3L.H2) Dietary fibers & antioxidants	GB	GA	GD	GC		
	Pract.6(Histo)Histological structure of esophagus &, stomach	GC		GA			GB/ GD
	TUT 6(COMM) - Feeding of vulnerable	GD		GB			GA/GC
Sunday 28/9/2025	Skill lab						
	Skill lab	A1	9-10				
		A2	10.30-11.30				
		A3	12-1				
		A4	2.30-3.30				
Monday 29/9/2025	L13 (Bio)(G3L.H1) Amino acid metabolism3	GA	GB	GC	GD	ساعة مكتبية	
	L14(ANAT)(G3L.H2) Anatomy of stomach	GB	GA	GD	GC		

	Pract.7 (Bio) Diagnosis of PKU& alkaptonuria	GC		GA			GB/ GD
	TUT7(ANAT) Anatomy of The pharynx, esophagus and stomach	GD		GB			GA/GC
Thursday 30/9/2025	L15 (Physio)(G3L.H1) Secretory function of the stomach	GA	GB	GC	GD	ساعة مكتبيه	
	L16(COMM)(G3L.H2) Food additives	GB	GA	GD	GC		
	Pract 8 (Physio) Electrical activity of GIT smooth muscle & Nervous regulation of upper GIT functions	GC		GA			GB/ GD
	TUT 8 (COMM) Nutritional anemias Protein deficiency (PEM& marasmus)	GD		GB			GA/GC
wednesday 1/10/2025	L15 (Bio)(G3L.H1) Protein energy malnutrition (A&B)	GA	GB	GC	GD	ساعة مكتبيه	

	L16 (Micro)(G3L.H2) Food poisoning	GB	GA	GD	GC		
	Pract.8 (Bio) Iron & IRON deficiencies ANEMIA	GC		GA			GB/ GD
	TUT 9 (Micro) Food poisoning	GD		GB			GA/GC
Thursday 2/10/2025	L19 (PATH)(G3L.H1) Diseases of salivary glands	GA	GB	GC	GD	ساعة مكتبيه	
	L20 (Bio)(G3L.H2) Fat soluble vitamins	GB	GA	GD	GC		
	Pract.10 (PATH)(G3L.H2) Diseases of salivary glands	GC		GA			GB/ GD
	CBL 1 (Bio) Inborn errors of metabolism related to amino acids (BCAA & HISTIDINE)	GD		GB			GA/GC

Day	Topic	9 am-10 am	10 am-11 am	11 am -12 pm	12 pm -1 pm	1-2pm	2 pm- 4pm
Saturday 4/10/2025	Mid-module exam						
Sunday 5/10/2025	Skill lab						
	Skill lab	A1	9-10				
		A2	10.30-11.30				
		A3	12-1				
		A4	2.30-3.30				
Monday 6/10/2025	L21 (Bio)(G3L.H1) Water soluble vitamins	GA	GB	GC	GD	ساعة مكتبيه	
	L22 (PATH)(G3L.H2) Oesophageal diseases	GB	GA	GD	GC		
	Pract 11(Bio) Diagnosis of vitamin deficiency diseases	GC		GA			GB// GD
	TUT 10 (PATH) Peptic ulcer	GD		GB			GA/GC
Tuesday 7/10/2025	L23 (COMM)(G3L.H1) Therapeutic nutrition of chronic diseases	GA	GB	GC	GD	ساعة مكتبيه	

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	L24 (PHAR)(G3L.H2) Pharmacotherapy of peptic ulcer disease	GB	GA	GD	GC		
	Pract.12 (COMM) Diet planning	GC		GA			GB// GD
	TUT 11 (PHAR) Pharmacotherapy of peptic ulcer disease	GD		GB			GA/GC
Wednesday 8/10/2025	L25 (Micro)(G3L.H1) H. Pylori gastritis	GA	GB	GC	GD	ساعة مكتبيه	
	L26 (BIO)(G3L.H2) Water soluble vitamins	GB	GA	GD	GC		
	Pract.13(Micro) H. Pylori gastritis	GC		GA			GB// GD
	TUT 12 (Bio) Major minerals & their diseases	GD		GB			GA/GC

Day	Topic	9 am-10 am	10 am-11 am	11 am -12 pm	12 pm -1 pm	1-2pm	2 pm- 4 pm
Saturday 11/10/2025	L27 (PATH)(G3L.H1) Diseases of Stomach	GA	GB	GC	GD		
	L28 (Physio)(G3L.H2) Motor Function of the stomach	GB	GA	GD	GC		
	Pract 14 (PATH) Esophageal and gastric diseases-	GC		GA			GB// GD
	TUT 13(Physio) Digestive function of the GIT.	GD		GB			GA/GC
Sunday 12/10/2025	Skill lab						
	Skill lab	A1			9-10		
		A2			10.30-11.30		
		A3			12-1		
		A4			2.30-3.30		
Monday 13/10/2025	Revision						
Tuesday 14/10/2025	Revision						
Saturday 18/10/2025	Practical Exam						

	ANAT	PHYS	HIST	BIO	MICR	PHAR	Comm	PATH	Total
Lecturers									28
Practical									14
Tutorials									13
CBL									1

Mid-module exam: Saturday 4/10/2025

Practical exam: Saturday 18/10/2025

Module coordinator:

Dr. Nagat Ahmed Soliman

Gastrointestinal Tract Module (GAST 214)- 2025-2026

Day	TOPIC	9-10 am	10-11 am	11 am-12 pm	12 pm- 1 pm	1pm-2 pm	2 pm – 4 pm
Sunday 19-10-2025	Skill lab						
	Insertion of Nasogastric Tube	A1		9-10			
		A2		10.30-11.30			
		A3		12-1			
		A4		1.30-2.30			
Monday 20-10-2025	L1 PHYS Physiology of the liver and gall bladder	GA	GB	GC	GD	Office Hour	
	L2 MICRO Bacterial diseases of GIT (1)	GB	GA	GD	GC		
	PRACT (1) PHYS Control of gall bladder emptying and exocrine pancreatic secretion.	GC		GA			GB / GD
	CBL (1) MICRO Cases of infectious gastroenterology	GD		GB			GA /GC
Tuesday 21-10-2025	L3 ANAT Anatomy of the liver and the biliary system	GA	GB	GC	GD		
	L4 HIST Histology of the liver and gall bladder	GB	GA	GD	GC		

	PRACT (2) ANAT Dissection: The Liver, gall bladder	GC		GA			GB / GD
	TUT (1) HIST Liver lobules	GD		GB			GA / GC
Wednesday 22-10-2025	L5 BIO The function of GIT in digestion and absorption of proteins	GA	GB	GC	GD		
	L6 PARA Blood and liver flukes	GB	GA	GD	GC		
	TUT (2) BIO Metabolism of xenobiotics	GC		GA			GB / GD
	PRACT (3) PARA Blood and liver flukes	GD		GB			GA / GC
Thursday 23-10-2025	L7 ANAT Anatomy of the pancreas and duodenum	GA	GB	GC	GD		
	L8 HIST Histology of the pancreas	GB	GA	GD	GC		
	PRACT (4) HIST Histological structure of the liver, gall bladder, and pancreas	GC		GA			GB / GD
	TUT (3) ANAT Arterial supply of GIT.	GD		GB			GA / GC

Saturday 25-10-2025	L9 PHYS Physiology of exocrine Pancreas	GA	GB	GC	GD		
	L10 MICR Bacterial diseases of GIT (2)	GB	GA	GD	GC		
	PRACT (5) MICR Bacteriological Examination of vomitus and stool	GC		GA			GB / GD
	TUT (4) PHYS The absorptive function of the GIT	GD		GB			GA /GC
Sunday 26-10-2025	Skill Lab						
	Insertion of Nasogastric Tube	B1		9-10			
		B 2		10.30-11.30			
		B 3		12-1			
		B 4		1.30-2.30			
Monday 27-10-2025	L11 BIO The function of GIT in digestion and absorption of carbohydrates and lipids	GA	GB	GC	GD		
	L12 PATH Inflammatory disorders of the liver & gall bladder	GB	GA	GD	GC		
	PRACT (6) PATH Liver, gall bladder, and bile duct	GC		GA			GB / GD

	DSL (1) BIO Jaundice	GD	GB		GA /GC
Tuesday 28-10-2025	L13 PHAR Pharmacotherapy of hepatic encephalopathy and portal hypertension	GA	GB	GC	GD
	L14 MICR Viral diseases of GIT (1)	GB	GA	GD	GC
	PRACT (7) MICR Viral diseases of GIT	GC	GA		GB / GD
	TUT (5) PHAR Pharmacotherapy of hepatitis and hepatotoxic drugs	GD	GB		GA /GC
Wednesday 29-10-2025	L15 PATH Liver cirrhosis, portal hypertension, and liver failure	GA	GB	GC	GD
	L16BIO Fatty liver	GB	GA	GD	GC
	PRACT (8) BIO Liver function tests	GC	GA		GB / GD
	TUT (6) PATH Hepatitis	GD	GB		GA /GC
Thursday 30-10-2024	L17 ANAT Anatomy of the caecum, appendix	GA	GB	GC	GD
	L18 PARA	GB	GA	GD	GC

	Cestodes affecting GIT (1)						
	PRACT (9) ANAT	GC		GA			GB / GD
	Dissection: small intestine and large intestine						
	TUT (7) PARA	GD		GB			GA / GC
	Cestodes affecting GIT (2)						
Saturday 1-11-2025	Mid-term exam						
Sunday 2-11-2025	Skill Lab						
	Insertion of Nasogastric Tube	C1	9-10				
		C2	10.30-11.30				
		C3	12-1				
		C4	1.30-2.30				
Monday 3-11-2025	L19 PARA	GA	GB	GC	GD		
	Nematodes affecting GIT (1)						
	L20 ANAT	GB	GA	GD	GC		
	Development of gut 1						
	TUT (8) PARA	GC		GA			GB / GD
	Nematodes affecting GIT (2)						
	TUT (9) ANAT	GD		GB			GA / GC
	Portal system						
Tuesday 4-11-2025	L21 PARA	GA	GB	GC	GD		
	Protozoa affecting GIT (1)						
	L22 PHYS	GB	GA	GD	GC		
	Physiological function of small and large intestine in digestion & absorption						
	PRACT (10) PHYS	GC		GA			GB

	Electric activity of GIT smooth muscle & nervous regulation of lower GIT functions					
	PRACT (11) PARA Cestodes affecting GIT + Nematodes affecting GIT	GD		GB		GA /GC
Wednesday 5-11-2025	L23 HIST Histological structure (LM&EM) of small intestine	GA	GB	GC	GD	
	L24 PATH Inflammatory bowel disease and appendicitis	GB	GA	GD	GC	
	PRACT (12) PATH Lower GIT	GC		GA		GB / GD
	TUT (10) HIST Entero-endocrine cells	GD		GB		GA /GC
Thursday 6-11-2025	L25 PATH Hepato-biliary neoplasm	GA	GB	GC	GD	
	L26 PARA Protozoa affecting GIT (2)	GB	GA	GD	GC	
	TUT (11) PATH Intestinal obstruction	GD		GB		GA /GC
	PRACT (13) PARA Protozoa affecting GIT	GC		GA		GB / GD
Saturday 8-11-2025	L27 HIST Histological structure (LM&EM) of large intestine	GA	GB	GC	GD	
	L28 PHAR	GB	GA	GD	GC	

	Anti-helminthic drugs PRACT (14) HIST Histological structure of small & large intestine	GC	GA		GB / GD
	Tut (12) PHAR Laxatives and treatment of diarrhea	GC	GA		GB / GD
Sunday 9-11-2025	Skill Lab				
	Insertion of Nasogastric Tube	D1	9-10		
		D2	10.30-11.30		
		D3	12-1		
		D4	1.30-2.30		
Monday 10-11-2025	L29 ANAT Development of gut 2	GA	GB	GC	GD
	L30 MICRO Viral diseases of GIT (2) دمرة	GB	GA	GD	GC
	PRACT (15) ANAT Dissection: Rectum and anal canal	GC	GA		GB / GD
	CBL (2) MICR Cases of infective hepatitis.	GD	GB		GA / GC
Tuesday 11-11-2025	L31 PATH Tumors of small and large bowel	GA	GB	GC	GD
	L32 PHAR Antiemetic and pro-kinetics	GB	GA	GD	GC
	PRACT (16) PATH Revision	GC	GA		GB / GD
	PRACT (17) PHAR	GC	GA		GB / GD

	Effects of autonomic drugs on contraction of isolated rabbit intestine.				
Wednesday 12-11-2025	Revision				
Thursday	Revision				
Saturday 15-11-2025	Practical exam				

	ANAT	PHYS	HIST	BIO	PARA	MICR	PHAR	PATH	Total
Lecturers									32
Practical									17
Tutorials									12
CBL									2
DSL									1

Mid-term exam: 1-11-2025

Practical exam: 15-11-2025

المشرف على كلية الطب

ا.د. / اشرف اسماعيل المشد

منسق البرنامج التكاملية

ا.د. / عبد المنعم جودة مدبولي

منسق الفصل الدراسي

ا.د/ شرين امام

جداول الفرقة الثانية

جامعة بنها الأهلية
كلية الطب البشري