

BIRUNI ENGLISH MEDICAL SCHOOL

PHASE III

THE EDUCATIONAL GUIDE

ENGLISH MEDICAL SCHOOL PHASE III (2022-2023)				T	P	TOTAL
Code	Course Title	C/E	ECTS			
EMS300	Phase III Committee Courses (Integrated)	C	52			
EMS301	Gastrointestinal System (Basics)	C	8	83	22	105
EMS302	Gastrointestinal System (Clinics)	C	8	51	8	59
EMS303	Endocrine System (Basics)	C	5	48	6	54
EMS304	Endocrine System (Clinics)	C	5	38	4	42
EMS305	Urogenital System (Basics)	C	6	46	23	69
EMS306	Urogenital System (Clinics)	C	6	56	14	70
EMS307	Skin and Sensorial System (Basics)	C	4	36	17	53
EMS308	Skin and Sensorial System (Clinics)	C	4	13		13
EMS309	Public Health and Family Medicine	C	6	118	28	146
BIR310	Healthcare Employee and Patient Safety (spring)	C	2			
RES300	Medical Research III	C	2			
	Elective Courses*	E	4			
BIR313	Principles of Health Nutrition	E				
BIR303	Leadership	E				
BIR305	Critical Thinking	E				
BIR317	Time Management and Planning	E				
BIR301	Communication Skills	E				
BIR319	Entrepreneurship and Brand Management	E				
Total			60	489	122	611

PHASE III

AIM

1. To gain basic information about the anatomical, histological, physiological, biochemical, microbiological features of the gastrointestinal system (GIS), endocrine and urogenital system, skin sense organs, to be able to define the pathology, etiology, clinic, symptomatology and treatment principles of the diseases seen in these systems, and the characteristics of the drugs used.
2. To be able to define concepts related to health (health education and health promotion, epidemiology),
3. To be able to make notification of primary health services and health records and diseases in Turkey, to explain social determinants of health, aging and elderly health services.

LEARNING OBJECTIVES

At the end of this committee,

In terms of basic sciences, the students;

1. Will be able to describe embryological development, developmental anomalies, anatomical structure of digestive organs, functions (physiology), histological features of tissues and biochemical reactions, explain the features of organisms related to the digestive system in microbiology.
2. Will be able to define embryological development, developmental anomalies, to list the anatomical structure, functions (physiology), histological features and biochemical reactions, to explain the features of organisms related to the endocrine system in microbiology,
3. Will be able to describe their embryological development and developmental anomalies, list their anatomical structures, functions (physiology), histological features of tissues and biochemical reactions, explain the characteristics of organisms related to the urogenital organs microbiologically,

In terms of clinical sciences, the students;

4. Will be able to describe the pathology, symptoms, clinical findings, pharmacological properties of drugs used in treatment,
5. Will be able to describe the pathology, symptoms, clinical findings, pharmacological properties of drugs used in the treatment of endocrine system diseases,
6. Will be able to describe the pathology, symptoms, clinical findings, pharmacological properties of drugs used in the treatment of kidney, male and female genital organs,
7. Will be able to explain the general anatomical structures and functions of the tissues and organs, histological structures in terms of basic sciences of the skin sensory organs, describe the clinic, symptoms, pathology and treatment of common skin diseases in clinical sciences, explain the elementary lesions, and explain the clinicopathological features of the diseases of the sensory organs.
8. Will be able to explain the concepts of public health (health education, health criteria, epidemiology demography, public health concept and its development.

Skills

In terms of the basic skills the students;

9. Gain and apply basic clinical skills such as history taking, system examinations, interventional skills and laboratory skills,
10. Will be able to apply basic medical interventions for the diagnosis and treatment of diseases,
11. Will be able to evaluate the clinical situations encountered in terms of patients and diseases in the clinical setting, select appropriate diagnostic and treatment approaches and perform this,
12. Will be able to provide medical intervention and care in emergencies,
13. Will be able to perform preventive medicine and forensic medicine practices,
14. Will be able to explain the basic principles of prescribing.

Attitude

The students will;

15. Be aware of preventive medicine practices,
16. Be aware of public health practices regarding pregnant women, mothers and children in Turkey,
17. Give importance to primary health care services and health records and notification of diseases in Turkey,
18. Recognize social determinants of health, old age and elderly health services.

GRADUATE COMPETENCIES-PROGRAM OUTCOMES

1. Healthcare Provider
2. Applicator of Professional and Professional Principles
3. Health Advocate
4. Leader
5. Team member
6. Communicator
7. Demonstrator of a Scientific and Analytical Approach
8. Life-long Learner

Contribution of the learning outcomes of the course to the learning outcomes of the program

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	3	1	3	1	1	1	2	2
LO2	4	1	3	1	1	1	2	2
LO3	3	1	3	1	1	1	2	2
LO4	4	1	3	1	1	1	2	2
LO5	3	2	1	2	1	1	2	3
LO6	4	1	2	1	1	1	1	1
LO7	3	2	2	1	2	1	2	3
LO8	4	2	3	2	2	2	2	2
LO9	4	3	3	1	3	2	3	3
LO10	4	2	2	2	3	3	2	3
LO11	4	2	2	2	1	1	3	3
LO12	3	2	2	2	2	3	2	3
LO13	4	2	1	2	2	2	2	2
LO14	3	2	3	2	3	2	3	3
LO15	4	2	4	1	2	1	2	3
LO16	4	2	3	1	2	2	2	2
LO17	3	2	3	1	3	2	3	3
LO18	3	3	4	2	3	2	3	3

PHASE III

1. GASTROINTESTINAL SYSTEM COMMITTEE

AIM

1. To gain basic information about the anatomical, histological, functional and biochemical features of the organs of the digestive system
2. To gain knowledge, attitude and skills about the etiopathogenesis, symptoms, signs, clinical, laboratory and histopathological features of digestive system diseases and general principles in diagnosis and treatment.

LEARNING OBJECTIVES

At the end of this committee the students;

1. Will be able to explain the embryological development, anatomical, histological, physiological and biochemical features of the digestive canal and organs connected to the digestive canal,
2. will be able to count the microorganisms associated with the digestive system
3. Will be able to explain the developmental anomalies of the digestive system,
4. Will be able to explain the hormones secreted from the digestive system and their mechanisms of action,
5. Will be able to explain the biochemical and physiological properties of enzymes involved in digestion and absorption,

In terms of Clinical Sciences, the students;

6. Will be able to describe the symptoms, clinical findings and causes of digestive system diseases,
7. Will be able to list the pathological and clinical features of inflammatory, tumoral and emergency intervention diseases of the upper and lower gastrointestinal tract,
8. Will be able to count the causes of hepatomegaly, jaundice,
9. Will be able to explain the pathology of malabsorption,
10. Will be able to explain the clinical and pathological features of inflammatory and tumoral diseases of the liver and pancreas,
11. Will be able to explain the pathological and clinical features of gallbladder and biliary tract diseases,

Contribution of the learning outcomes of the course to the learning outcomes of the program

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	5	5	5	5	4	5	5	5
LO2	5	5	5	5	4	5	5	5
LO3	5	5	5	5	4	5	5	5
LO4	5	5	5	5	4	5	5	5
LO5	5	5	4	4	5	5	5	5
LO6	5	5	4	4	5	5	5	5
LO7	5	4	4	4	5	5	4	4
LO8	3	3	3	3	5	5	3	3
LO9	4	5	5	4	4	5	5	5
LO10	5	5	5	5	5	5	5	5
LO11	4	3	4	3	3	4	5	3

GASTROINTESTINAL SYSTEM COMMITTEE (8 WEEKS; OCTOBER 3- NOVEMBER 25)

LECTURE	LECTURER	THEORETICAL	PRACTICE	TOTAL
Anatomy	Prof. Dr. Ahmet SINAV	16	16	32
Medical Biochemistry	Prof.Dr.Ahmet BELCE	31		31
Histology and Embryology	Assoc.Prof. Dr. Nazlı Ece ORDUERİ	12	4	16
Physiology	Asst.Prof. Dr. Muhsine Sinem ETHEMOĞLU	10		10
Microbiology	Prof. Dr. M.Derya AYDIN	9	2	11
Microbiology	Asst.Prof.Dr. Yağmur EKENOĞLU MERDAN	5	2	7
Pharmacology	Prof.Dr. Atıla KARAALP	7		7
Pathology	Prof.Dr. Dilek Sema ARICI	26	8	34
Introduction to Clinical Practice-USMLE-PBL	Asst.Prof.Dr. Tümay SADIKOĞLU	7		7
Pediatrics	Prof.Dr. Erol KISMET	6		6
Gastroenterology	Prof.Dr. Gülen BÜLBÜL DOĞUSOY	5		5
TOTAL		134	32	166

GASTROINTESTINAL SYSTEM-1 / WEEK I

OCT 3 - OCT 7	3.10.2022 MONDAY	4.10.2022 TUESDAY	5.10.2022 WEDNESDAY	6.10.2022 THURSDAY	7.10.2022 FRIDAY	
08:30-09:15	OPENING CEREMONY	INDEPENDENT LEARNING	Oral Cavity ANATOMY Ahmet SINAV	Histology of the Oropharynx and Esophagus HISTOLOGY Nazlı Ece ORDUERİ	INDEPENDENT LEARNING	
09:25-10:10		INDEPENDENT LEARNING			Enterobacteriaceae: E. Coli MICROBIOLOGY M.Derya AYDIN	
10:20-11:05		ORIENTATION	Physiology of the gastrointestinal motility PHYSIOLOGY Muhsine Sinem ETHEMOĞLU	Gastric Digestion PHYSIOLOGY Muhsine Sinem ETHEMOĞLU	Enterobacteriaceae: Salmonella-Shigella MICROBIOLOGY Derya AYDIN	
11:15-12:00		Introduction to digestive system ANATOMY Ahmet SINAV			Enterobacteriaceae: Klebsiella-Proteus- Citrobacter MICROBIOLOGY Derya AYDIN	
		BREAK				
13:00- 13:45		Histology of the Oral Cavity and Teeth HISTOLOGY Nazlı Ece ORDUERİ	Oral digestion and deglutition PHYSIOLOGY Muhsine Sinem ETHEMOĞLU	Functions of pancreas, liver and bile PHYSIOLOGY Muhsine Sinem ETHEMOĞLU	INDEPENDENT LEARNING	
13:55-14:40					INDEPENDENT LEARNING	Glycolysis and its regulation BIOCHEMISTRY Ahmet BELCE
14:50- 15:35		The structure and organization of the digestive system PHYSIOLOGY Muhsine Sinem ETHEMOĞLU	Oral Cavity ANATOMY LAB Ahmet SINAV	INDEPENDENT LEARNING	Citric Acid Cycle and its regulation BIOCHEMISTRY Ahmet BELCE	
15:45-16:30		Digestion and Absorption of Macromolecules - I (Carbohydrates and Proteins) BIOCHEMISTRY Ahmet BELCE			INDEPENDENT LEARNING	INDEPENDENT LEARNING
16:40-17:25		Digestion and Absorption of Macromolecules - II (Lipids and Nucleic acid) BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	

GASTROINTESTINAL SYSTEM / WEEK II

OCT 10 - OCT 14	10.10.2022 MONDAY	11.10.2022 TUESDAY	12.10.2022 WEDNESDAY	13.10.2022 THURSDAY	14.10.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Large Intestine & Anal Canal ANATOMY Ahmet SINAV	Histology and development of the stomach HISTOLOGY Nazlı Ece ORDUERİ	INDEPENDENT LEARNING
09:25-10:10	Pharynx & Oesophagus ANATOMY Ahmet SINAV	Development of the oropharynx and esophagus HISTOLOGY Nazlı Ece ORDUERİ			INDEPENDENT LEARNING
10:20-11:05	Pharynx & Oesophagus ANATOMY LAB Ahmet SINAV		Large Intestine & Anal Canal ANATOMY LAB Ahmet SINAV	Histology and development of the small intestine HISTOLOGY Nazlı Ece ORDUERİ	INDEPENDENT LEARNING
11:15-12:00		Campylobacter- Helicobacter MICROBIOLOGY M.Derya AYDIN			INDEPENDENT LEARNING
BREAK					
13:00- 13:45	Peritoneum & Abdominal Cavity ANATOMY Ahmet SINAV	Stomach & Small Intestine ANATOMY Ahmet SINAV	Histology and development of the salivary gland HISTOLOGY Nazlı Ece ORDUERİ	Digestion of nutrients in the small intestine PHYSIOLOGY Muhsine Sinem ETHEMOĞLU	INDEPENDENT LEARNING
13:55-14:40					INDEPENDENT LEARNING
14:50- 15:35	Peritoneum & Abdominal Cavity ANATOMY LAB Ahmet SINAV	Stomach & Small Intestine ANATOMY LAB Ahmet SINAV	Gluconeogenesis and its regulation BIOCHEMISTRY Ahmet BELCE	Protozoa (Intestinal - urogenital) MICROBIOLOGY Yağmur EKENOĞLU MERDAN	INDEPENDENT LEARNING
15:45-16:30					Glycogen Metabolism: (Glycogenesis - Glycogenolysis) BIOCHEMISTRY Ahmet BELCE
16:40- 17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING

GASTROINTESTINAL SYSTEM / WEEK III

OCT 17 - OCT 21	17.10.2022 MONDAY	18.10.2022 TUESDAY	19.10.2022 WEDNESDAY	20.10.2022 THURSDAY	21.10.2022 FRIDAY
08:30-09:15	Liver & Biliary System ANATOMY Ahmet SINAĞ	Absorption of nutrients in the small intestine PHYSIOLOGY Muhsine Sinem ETHEMOĞLU	Histology of the liver and gallbladder HISTOLOGY Nazlı Ece ORDUERİ	INDEPENDENT LEARNING	Emetics, Antiemetics and Prokinetics PHARMACOLOGY Atilla KARAALP
09:25-10:10				Norovirus-Rotavirus MICROBIOLOGY Yağmur EKENOĞLU MERDAN	
10:20-11:05	Liver & Biliary System ANATOMY LAB Ahmet SINAĞ	Histology and development of appendicitis HISTOLOGY Nazlı Ece ORDUERİ	Vessels and Nerves Abdominal Cavity ANATOMY Ahmet SINAĞ	Poliiovirus- Coxsackie Virus MICROBIOLOGY Yağmur EKENOĞLU MERDAN	INDEPENDENT LEARNING
11:15-12:00				Echovirus- Other Enteroviruses MICROBIOLOGY Yağmur EKENOĞLU MERDAN	INDEPENDENT LEARNING
BREAK					
13:00- 13:45	Histology of the colon and its development HISTOLOGY Nazlı Ece ORDUERİ	Pancreas, Spleen and Biliary System ANATOMY Ahmet SINAĞ	Vessels and Nerves Abdominal Cavity ANATOMY LAB Ahmet SINAĞ	Gastrointestinal System-2 Group 1 HISTOLOGY Nazlı Ece ORDUERİ	Drugs Used in Irritable Bowel Disease PHARMACOLOGY Atilla KARAALP
13:55-14:40				Gastrointestinal System-2 Group 2 HISTOLOGY Nazlı Ece ORDUERİ	Digestants, Choleric Drugs, Choliagogue Drugs, Drugs That Can Dissolve Gallston PHARMACOLOGY Atilla KARAALP
14:50- 15:35	Trematods Intestinal MICROBIOLOGY M.Derya AYDIN	Pancreas, Spleen and Biliary System ANATOMY LAB Ahmet SINAĞ	Drugs used in the treatment of peptic ulcer PHARMACOLOGY Atilla KARAALP	Regulation of Glycogenesis - Glycogenolysis and Glycogen Storage Diseases BIOCHEMISTRY Ahmet BELCE	Laxative and Purgative Medicines PHARMACOLOGY Atilla KARAALP
15:45-16:30	Cestods Intestinal MICROBIOLOGY M.Derya AYDIN			Oxidation of Glucose via Glucuronic Acid (Uronic Acid Pathway) BIOCHEMISTRY Ahmet BELCE	Antidiarrheals and Oral Rehydration Salts PHARMACOLOGY Atilla KARAALP
16:40- 17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	

GASTROINTESTINAL SYSTEM / WEEK IV

OCT 24 - OCT 28	24.10.2022 MONDAY	25.10.2022 TUESDAY	26.10.2022 WEDNESDAY	27.10.2022 THURSDAY	28.10.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	Nematods Intestinal MICROBIOLOGY M.Derya AYDIN	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	Digestion in the large intestine PHYSIOLOGY Muhsine Sinem ETHEMOĞLU		Physiological functions of vitamins PHYSIOLOGY Muhsine Sinem ETHEMOĞLU	INDEPENDENT LEARNING	Development of the liver and gall bladder HISTOLOGY Nazlı Ece ORDUERİ
10:20-11:05	Disorders of oral cavity and salivary glands PATHOLOGY Sema ARICI Dilek	Gastrointestinal Infections- Microbiological Diagnosis MICROBIOLOGY M.Derya AYDIN	INDEPENDENT LEARNING	Disorders of oesophagus PATHOLOGY Dilek Sema ARICI	Gastritis PATHOLOGY Dilek Sema ARICI
11:15-12:00			INDEPENDENT LEARNING		
BREAK					
13:00- 13:45	Histology and development of exocrine pancreas HISTOLOGY Nazlı Ece ORDUERİ	Lipoproteins and Their Metabolisms I : (Chylomicrons and VDL) BIOCHEMISTRY Ahmet BELCE	Regulation of nutrition PHYSIOLOGY Muhsine Sinem ETHEMOĞLU	INDEPENDENT LEARNING	NATIONAL DAY
13:55-14:40		Lipoproteins and Their Metabolisms II : (Chylomicrons and VDL) BIOCHEMISTRY Ahmet BELCE		Lipoproteins and Their Metabolisms III : (LDL and HDL) BIOCHEMISTRY Ahmet BELCE	
14:50- 15:35	Metabolism of Non-Glucose Monosaccharides BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING	Anamnesis in Digestive System diseases GASTROENTEROLOGY Gülen BÜLBÜL DOĞUSOY	Microscopy-Intestinal Parasites MICROBIOLOGY LAB Group 1 M.Derya AYDIN Yağmur EKENOĞLU MERDAN	
15:45-16:30	Pentose Phosphate Pathway BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING	Peptic ulcer diseases, gastritis GASTROENTEROLOGY Gülen BÜLBÜL DOĞUSOY	Microscopy-Intestinal Parasites MICROBIOLOGY LAB Group 2 M.Derya AYDIN Yağmur EKENOĞLU MERDAN	
16:40- 17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Hepatic coma GASTROENTEROLOGY Gülen BÜLBÜL DOĞUSOY	INDEPENDENT LEARNING	

GASTROINTESTINAL SYSTEM / WEEK V

OCT 31- NOV 4	31.10.2022 MONDAY	1.11.2022 TUESDAY	2.11.2022 WEDNESDAY	3.11.2022 THURSDAY	4.11.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	Disorders of oral cavity and salivary glands PATHOLOGY Gülen BÜLBÜL DOĞUSOY	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	INDEPENDENT LEARNING	Disorders of oesophagus PATHOLOGY Gülen BÜLBÜL DOĞUSOY	INDEPENDENT LEARNING		Gastric Tumors PATHOLOGY Gülen BÜLBÜL DOĞUSOY
10:20-11:05	INDEPENDENT LEARNING	Fatty Acid Oxidation and Synthesis of Ketone Bodies BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING	NG tube insertion Tümay SADIKOĞLU Group 1	ICP Infectious colitis PATHOLOGY Gülen BÜLBÜL DOĞUSOY
11:15-12:00	INDEPENDENT LEARNING	Triacylglycerol, Phospholipid and Sphingolipid Metabolism and Disorders BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING	NG tube insertion Tümay SADIKOĞLU Group 2	ICP Gastritis PATHOLOGY Gülen BÜLBÜL DOĞUSOY
BREAK					
13:00- 13:45	Fatty Acid Biosynthesis BIOCHEMISTRY Ahmet BELCE	Cholesterol Synthesis and Metabolism BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING	Diaphragm, body cavities, mesentery development and anomalies HISTOLOGY Nazlı Ece ORDUERİ	INDEPENDENT LEARNING
13:55-14:40	Synthesis of Eicosanoids BIOCHEMISTRY Ahmet BELCE	Bile Acid Synthesis and Metabolism BIOCHEMISTRY Ahmet BELCE	Gastrointestinal Signs and Symptoms in Children PEDIATRY Erol KISMET	INDEPENDENT LEARNING	Nitrogen and Ammonia Metabolism in the Brain and Kidney BIOCHEMISTRY Ahmet BELCE
14:50- 15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Pediatric Abdominal Examination PEDIATRY Erol KISMET	INDEPENDENT LEARNING	Ammonia Metabolism in the Liver (Urea Cycle) and Hyperammonemias BIOCHEMISTRY Ahmet BELCE
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Gastroesophageal reflux GASTROENTEROLOGY Salih Boğa	INDEPENDENT LEARNING	INDEPENDENT LEARNING
16:40- 17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Peptic ulcer diseases, gastritis GASTROENTEROLOGY Salih Boğa	INDEPENDENT LEARNING	INDEPENDENT LEARNING

GASTROINTESTINAL SYSTEM / WEEK VI

NOV 7-NOV 11	07.11.2022 MONDAY	08.11.2022 TUESDAY	09.11.2022 WEDNESDAY	10.11.2022 THURSDAY	11.11.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	Inflammatory bowel diseases PATHOLOGY Gülen BÜLBÜL DOĞUSOY	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	Malabsorption syndromes PATHOLOGY Gülen BÜLBÜL DOĞUSOY	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Acute and chronic hepatitis PATHOLOGY Sema ARICI Dilek	INDEPENDENT LEARNING
11:15-12:00	Tumors of small and large intestine PATHOLOGY Gülen BÜLBÜL DOĞUSOY	PBL session 1 group 1-2 Tümay SADIKOĞLU	INDEPENDENT LEARNING		INDEPENDENT LEARNING
BREAK					
13:00- 13:45	Hepatosteatosis and fatty liver PATHOLOGY Dilek Sema ARICI	Liver Diseases and Enzymes BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING	Pathology of cirrhosis PATHOLOGY Dilek Sema ARICI	INDEPENDENT LEARNING
13:55-14:40			Palpation of Individual Organs PEDIATRY Erol KISMET		INDEPENDENT LEARNING
14:50- 15:35	Dyslipidemias BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING	Irritable Bowel Disease GASTROENTEROLOGY Salih Boğa	Tumors and tumor like disorders of the liver PATHOLOGY ARICI Dilek Sema	INDEPENDENT LEARNING
15:45-16:30	Alcohol Metabolism and Fatty Liver BIOCHEMISTRY Ahmet BELCE	Upper and lower gastrointestinal bleeding GASTROENTEROLOGY Salih Boğa			INDEPENDENT LEARNING
16:40- 17:25	INDEPENDENT LEARNING	Gastroenteritis GASTROENTEROLOGY Salih Boğa	Hepato-splenomegaly GASTROENTEROLOGY Salih Boğa	INDEPENDENT LEARNING	INDEPENDENT LEARNING

GASTROINTESTINAL SYSTEM / WEEK VII

NOV 14-NOV 18	14.11.2022 MONDAY	15.11.2022 TUESDAY	16.11.2022 WEDNESDAY	17.11.2022 THURSDAY	18.11.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	INDEPENDENT LEARNING	INDEPENDENT LEARNING	USMLE Tümay SADIKOĞLU	INDEPENDENT LEARNING	INDEPENDENT LEARNING
11:15-12:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING		INDEPENDENT LEARNING	INDEPENDENT LEARNING
BREAK					
13:00- 13:45	PBL session 2 group 2 Tümay SADIKOĞLU	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Disorders of the stomach, small and large intestine PATHOLOGY LAB Group 2 Sema ARICI Dilek	INDEPENDENT LEARNING
13:55-14:40	PBL session 2 group 1 Tümay SADIKOĞLU	INDEPENDENT LEARNING	Evaluation of Pediatric Abdominal Pain PEDIATRY Erol KISMET	Disorders of the liver PATHOLOGY LAB Group 2 Sema ARICI Dilek	INDEPENDENT LEARNING
14:50- 15:35	Pancreatic Diseases and Enzymes BIOCHEMISTRY Ahmet BELCE	Special Products Synthesized from Amino Acids BIOCHEMISTRY Ahmet BELCE	Approach to the Patient with Jaundice and Cholestasis GASTROENTEROLOGY Salih Boğa	Disorders of the stomach, small and large intestine PATHOLOGY LAB Group 1 Sema ARICI Dilek	INDEPENDENT LEARNING
15:45-16:30	Metabolism of Carbon Skeletons of Amino Acids and Synthesis of Essential AA. BIOCHEMISTRY Ahmet BELCE	Metabolism of Purine and Pyrimidine Nucleotides and Disorders BIOCHEMISTRY Ahmet BELCE		Disorders of the liver PATHOLOGY LAB Group 2 Sema ARICI Dilek	INDEPENDENT LEARNING
16:40- 17:25	Amino Acid Metabolism Disorders BIOCHEMISTRY Ahmet BELCE	Serous fluids: Peritoneal fluid and Gastrointestinal Fluids BIOCHEMISTRY Ahmet BELCE	Ascites GASTROENTEROLOGY Salih Boğa	INDEPENDENT LEARNING	INDEPENDENT LEARNING

GASTROINTESTINAL SYSTEM / WEEK VIII

NOV 21-NOV 25	21.11.2022 MONDAY	22.11.2022 TUESDAY	23.11.2022 WEDNESDAY		24.11.2022 THURSDAY	25.11.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING					COMMITTEE EXAM
09:25-10:10						
10:20-11:05						
11:15-12:00						
BREAK						
13:00- 13:45	INDEPENDENT LEARNING					
13:55-14:40						
14:50- 15:35						
15:45-16:30						
16:40- 17:25						