

**GAZI UNIVERSITY FACULTY OF MEDICINE**  
**PHASE III 2017-2018**  
**GASTROINTESTINAL SYSTEM COURSE COMMITTEE**  
**December 21<sup>st</sup>, 2017 - January 17<sup>th</sup>, 2018**  
**Examination: January 18<sup>th</sup>, 2018- 09.30 AM**

Courses	Theoretical	Panel	Lab.	Practice	Courses
<b>INTERNAL MEDICINE</b> <b>(Gastroenterology)</b>	20	1+1 (M.Biochemistry/ Internal medicine)			21
<b>INTERNAL MEDICINE</b> <b>(Oncology)</b>	1				1
<b>GENERAL SURGERY</b>	1				1
<b>PEDIATRICS</b> Nutrition-Metabolism	1				1
<b>PEDIATRICS</b> Gastroenterology	1				1
<b>MEDICAL PATHOLOGY</b>	17			1×2	19
<b>MEDICAL MICROBIOLOGY</b>	19		2×8		35
<b>MEDICAL PHARMACOLOGY</b>	5				5
<b>MEDICAL BIOCHEMISTRY</b>	3	1+1 (M.Biochemistry/ Internal medicine)	1×3		7
<b>PUBLIC HEALTH</b>	1				1
<b>IMMUNOLOGY</b>	1				1
<b>NUCLEAR MEDICINE</b>	1				1
<b>RADIOLOGY</b>	4				4
<b>TOTAL</b>	75	2	19	2	98
<b>CLINICAL SKILLS</b> <b>EDUCATION (CSE)</b> <b>(Nasogastric Catheter Insertion</b> <b>Skill)</b>				<b>1×4</b>	4
<b>ELECTIVE COURSE</b>	<b>3×2</b>				6
<b>MEDICAL ENGLISH</b>	<b>3×2</b>				6
<b>TOTAL</b>	<b>12</b>			<b>4</b>	16
<b>FREE RUN-TIME</b>					26

<b>Dean</b>	Prof. Dr. Mehmet Sadık DEMIRSOY
<b>Vice Dean</b>	Assoc. Prof.Dr. Taner AKAR
<b>Vice Dean</b>	Assoc. Prof.Dr.Sevil ÖZGER-İLHAN
<b>Head Coordinator</b>	Prof. Dr. M.Anıl ONAN
<b>Assistant Head Coordinator (Eng.)</b>	Prof. Dr. Mehmet Ali ERGÜN
<b>Assistant Head Coordinator</b>	Prof. Dr. İrem BUDAKOĞLU
<b>Assistant Head Coordinator</b>	Assoc. Prof.Dr. L.Arzu ARAL
<b>Phase III Coordinator</b>	Assoc. Prof.Dr. İlyas OKUR
<b>Assistant Phase III Coordinator</b>	Assoc. Prof.Dr. Ergin DİLEKÖZ
<b>Assistant Phase III Coordinator</b>	Assoc. Prof.Dr. Güldal ESENDAĞLI
<b>Assistant Phase III Coordinator (Eng)</b>	Assoc. Prof.Dr. Pınar UYAR GÖÇÜN
<b>Assistant Phase III Coordinator</b>	Lecturer.Dr. Salih TOPAL
<b>Assistant Phase III Coordinator</b>	Spec.Dr. Hale Zeynep BATUR ÇAĞLAYAN
<b>Course Committee Head</b>	Assoc. Prof.Dr. Mehmet İBİŞ

<b>Problem Based Learning (PBL) Coordinator</b>	Prof.Dr. Nur BARAN AKSAKAL
<b>Clinical Skills Education (CSE) Coordinator</b>	Lecturer Dr.Baybars ATAĞLU
<b>Elective Course Coordinator</b>	Assoc.Prof.Dr. Ece Konaç
<b>Medical English</b>	Lecturer Sibel ÖZKIN Lecturer Özlem ÖZDEMİR

### MEMBERS OF COURSE COMMITTEE

INTERNAL MEDICINE			PEDIATRICS		
Gastroenterology			Medical Oncology	Gastroenterology	Metabolism & Nutrition
Dr. Seren ÖZENİRLER	Dr. Mehmet CİNDORUK	Dr. Tarkan KARAKAN	Dr.Nazan GÜNEL	Dr. Ödül EĞRİTAŞ GÜRKAN	Dr. Fatih S. EZGÜ
Dr. Mehmet İBİŞ	Dr. Mehmet ARHAN	Dr. İbrahim DOĞAN	GENERAL SURGERY	MEDICAL PATHOLOGY	
			Dr. Mustafa KEREM	Dr. Gülen AKYOL	Dr.Özgür EKİNCİ
MEDICAL MICROBIOLOGY		PUBLIC HEALTH	RADIOLOGY		
Dr. Kayhan ÇAĞLAR	Dr. Meltem YALINAY	Dr. F. Nur B. AKSAKAL	Dr. Suna Ö. OKTAR	Dr. Cem YÜCEL	Dr. Yusuf ÖNER
Dr. Ayşe KALKANCI	Dr. Funda DOĞRUMAN AL	NUCLEAR MEDICINE	MEDICAL BIOCHEM.	IMMUNOLOGY	MEDICAL PHARMACOLOGY
		Dr. Neşe İLGİN KARABACAK	Dr.Cemal ÇEVİK	Dr.Ayşegül ATA K YÜCEL	Dr.Ergin DİLEKÖZ

## ***AIM AND LEARNING OBJECTIVES FOR COURSE COMMITTEE***

**Aim:** At the end of 19 days of committee course, the students are expected to be able to sort and recite the underlying mechanisms, pathology, biochemical mechanisms, symptomatology, clinical progress, laboratory findings and assessment, imaging findings, and, pharmacological approaches of gastrointestinal system and liver diseases, to be able to enumerate and evaluate the viral, parasitic and bacterial factors causing infections of this system, to be able to comprehend the importance of nutrition in the society and the basic concepts of nutrition.

### **Learning Objectives:**

#### **Knowledge:**

1. To be able to define the terminology and symptomatology of gastrointestinal and hepatobiliary systems and nutrition
2. To be able to evaluate oral and salivary gland diseases, and define pathological basis.
3. To be able to explain the physiopathology of esophageal motor dysfunctions and reflux, describe the pathology and characteristics of diseases
4. To be able to describe the pathology and functional disorders of gastric diseases, recall the mechanisms of action of drugs used in peptic ulcer.
5. To be able to comprehend the immunological basis of small and large intestine diseases, define pathological and radiological features.
6. To be able to know the approach to diseases with acute and persistent abdominal pain, manage the evaluation of radiological and pharmacological aspects.
7. To be able to define the pathology and symptomatology of liver, biliary tract and pancreatic diseases, perform the biochemical and radiological assessments.
8. To be able to employ clinical approach to childhood liver diseases.
9. To be able to evaluate clinic and pathology of gastrointestinal system tumors.
10. To be able to define the importance of nutrition, its basic concepts, the prevalence of nutritional deficiencies and the factors affecting them
11. To be able to identify the laboratory techniques and diagnostic criteria for microorganisms that cause gastrointestinal system infections.

#### **Skills:**

1. To be able to perform the biochemical evaluation of hepatic functions and bilirubin metabolism, and interpret the findings.
2. To be able to practice laboratory diagnosis of the microorganisms (bacteria, viruses and parasites), that cause infections in gastrointestinal and hepatic system.

#### **Attitude:**

1. To be able to understand the importance of gastrointestinal system diseases, be aware of related symptoms and findings, exert diagnostic approach

	December 18, 2017 MONDAY	December 19, 2017 TUESDAY	December 20, 2017 WEDNESDAY	December 21, 2017 THURSDAY	December 22, 2017 FRIDAY
08:30- 09:20	PHASE III COURSE III	PHASE III COURSE III	PHASE III COURSE III  EXAM	Free Run-Time	Pathology of diseases of the stomach  Dr. Ö. Ekinçi
09:30- 10:20	PHASE III COURSE III	PHASE III COURSE III		Pathology of diseases of the mouth and salivary glands  Dr. Ö. Ekinçi	Pathology of diseases of the stomach  Dr. Ö. Ekinçi
10:30- 11:20	PHASE III COURSE III	PHASE III COURSE III		Pathology of diseases of the mouth and salivary glands  Dr. Ö. Ekinçi	Gastrointestinal bleeding  Dr. M. İbiş
11:30- 12:20	PHASE III COURSE III	PHASE III COURSE III		Pathology of diseases of the esophagus  Dr. Ö. Ekinçi	Gastritis and peptic ulcer  Dr.M. İbiş
13:30- 14:20	PHASE III COURSE III	PHASE III COURSE III	ELECTIVE COURSE	Esophageal motor function disorders  Dr.İ. Doğan	Functional gastrointestinal disorders  Dr. İ. Doğan
14:30- 15:20	PHASE III COURSE III	PHASE III COURSE III	ELECTIVE COURSE	Gastroesophageal reflux disease and esophagitis  Dr. İ. Doğan	Gall bladder and biliary tract diseases  Dr.M.Cindoruk
15:30- 16:20	PHASE III COURSE III	PHASE III COURSE III	MEDICAL ENGLISH	Bacterial agents of the gastrointestinal tract infection 1: Enterobacteriaceae  Dr. M. Yalınay	<b>Questions Analysis of 1<sup>st</sup> Committee Exam and Feedback</b>  <b>Lecturer and coordinators</b>
16:30- 17:20	PHASE III COURSE III	PHASE III COURSE III	MEDICAL ENGLISH	Bacterial agents of the gastrointestinal tract infection 1: Enterobacteriaceae  Dr. M. Yalınay	Free Run-Time

	<b>December 25, 2017 MONDAY</b>	<b>December 26, 2017 TUESDAY</b>	<b>December 27, 2017 WEDNESDAY</b>	<b>December 28, 2016 THURSDAY</b>	<b>December 29, 2017 FRIDAY</b>
<b>08:30- 09:20</b>	Pathology of diseases of the small intestine  Dr. Ö. Ekinçi	Emergency Radiology of the abdomen: The acute abdomen  Dr.Y. Öner	Emetic and antiemetic agents  Dr. E. Dilekoz	Parasitic agents of the GI tract infection 2: Giardia, Balantidium coli, Cryptosporidium, Blastocystis  Dr. A. Kalkancı	Free Run-Time
<b>09:30- 10:20</b>	Pathology of diseases of the small intestine  Dr. Ö. Ekinçi	Acute abdomen  Dr. M.Kerem	Chronic abdominal pain  Dr. T. Karakan	Bacterial agents of the GI tract infection 4: Vibrio  Dr. K. Çağlar	Free Run-Time
<b>10:30- 11:20</b>	Drugs used in acid-peptic diseases  Dr.E. Dileköz	<b>Problem Based Learning  1<sup>st</sup> Section</b>	Bacterial agents of the GI tract infection 3: Salmonella  Dr. Funda D. Al	Pathology of diseases of the colon  Dr. Ö. Ekinçi	Free Run-Time
<b>11:30- 12:20</b>	Drugs used in acid-peptic diseases  Dr.E. Dileköz		Bacterial agents of the GI tract infection 2: Shigella, Campylobacter, Helicobacter  Dr. M. Yalınay	Pathology of diseases of the colon  Dr. Ö. Ekinçi	Free Run-Time
<b>13:30- 14:20</b>	Acute pancreatitis  Dr.T. Karakan	Viral agents of the GI tract infection 1: Norovirus and other GIS viruses  Dr. K. Çağlar	<b>ELECTIVE COURSE</b>	Parasitic agents of the GI tract infection 1: Amebae  Dr. Funda D. Al	Free Run-Time
<b>14:30- 15:20</b>	Chronic pancreatitis  Dr.T. Karakan	Viral agents of the GI tract infection 2: Reo, Rota virus  Dr. Funda D. Al	<b>ELECTIVE COURSE</b>	Parasitic agents of the GI tract infection 3: Isospora, Cyclospora, Microsporidia  Dr. Funda D. Al	Free Run-Time
<b>15:30- 16:20</b>	Introduction to GIS radiology and radiology of esophagus, stomach and duodenum  Dr.S.Ö. Oktar	Free Run-Time	<b>MEDICAL ENGLISH</b>	Free Run-Time	Free Run-Time
<b>16:30- 17:20</b>	Free Run-Time	Free Run-Time	<b>MEDICAL ENGLISH</b>	Free Run-Time	Free Run-Time

	January 1, 2018 MONDAY	January 2, 2018 TUESDAY	January 3, 2018 WEDNESDAY	January 4, 2018 THURSDAY	January 5, 2018 FRIDAY
08:30-09:20	New Year Vacation	Free Run-Time	Parasitic agents of the GI tract infection 4: Nematodes  Dr. K. Çağlar	Radiology of the small intestine and colon  Dr.C.Yücel	Drugs used in amebiasis and helminthic infections  Dr. E. Dilekoz
09:30-10:20	New Year Vacation	Free Run-Time	Parasitic agents of the GI tract infection 4: Nematodes  Dr. K. Çağlar	Inflammatory bowel diseases  Dr. T. Karakan	Anti-diarrheal agents and laxatives  Dr. E. Dilekoz
10:30-11:20	New Year Vacation	<b>Problem Based Learning</b>  <b>2<sup>nd</sup> Section</b>	Parasitic agents of the GI tract infection 4: Nematodes  Dr. K. Çağlar	Malabsorption  Dr. T. Karakan	Epidemiology of Nutritional Diseases  Dr. F Nur B. Aksakal
11:30-12:20	New Year Vacation		Immunological approaches to inflammatory diseases of the gastrointestinal tract  Dr. A. Atak Yücel	Malabsorption  Dr. T. Karakan	Nutrition  Dr. FS Ezgü
13:30-14:20	New Year Vacation	Parasitic agents of the GI tract infection 5: Trematodes  Dr. K. Çağlar	ELECTIVE COURSE	Liver function tests  Dr.C.Çevik	Pathology of disease of exocrine pancreas and gallbladder  Dr.G.Akyol
14:30-15:20	New Year Vacation	Parasitic agents of the GI tract infection 6: Cestodes  Dr. K. Çağlar	ELECTIVE COURSE	Liver function tests  Dr.C.Çevik	Approach to pathology of liver disease  Dr. G. Akyol
15:30-16:20	New Year Vacation	Parasitic agents of the GI tract infection 6: Cestodes  Dr. K. Çağlar	MEDICAL ENGLISH	Free Run-Time (YÖK 5 (I) sınavı)	Vascular disease of liver  Dr. G. Akyol
16:30-17:20	New Year Vacation	Free Run-Time	MEDICAL ENGLISH		Free Run-Time

	<b>January 8, 2018 MONDAY</b>	<b>January 9, 2018 TUESDAY</b>	<b>January 10, 2018 WEDNESDAY</b>	<b>January 11, 2018 THURSDAY</b>	<b>January 12, 2018 FRIDAY</b>
<b>08:30- 09:20</b>	Free Run-Time	Alcoholic and non-alcoholic hepatosteatosi Dr. S. Özenirler	Acute liver failure Dr. M. İbiş	Radiology of the liver, biliary tract and pancreas Dr.S. Ö. Oktar	<b>LABORATORY Medical Microbiology</b> Enterobacteriaceae
<b>09:30- 10:20</b>	<b>PANEL</b>  Bilirubin metabolism and hyperbilirubinemia	Chronic hepatitis Dr. S. Özenirler	Approach to pathology of cholestatic liver disease Dr. G. Akyol	Approach to pathology of chronic hepatitis Dr.G.Akyol	<b>LABORATORY Medical Microbiology</b> Enterobacteriaceae
<b>10:30- 11:20</b>	Dr. S. Ozenirler <b>Dr.C.Çevik</b>	<b>Problem Based Learning</b>  <b>3<sup>rd</sup> Section</b>	Pathology of metabolic liver disease Dr. G. Akyol	Pathology of pancreas, gallbladder and liver tumors Dr.G.Akyol	<b>LABORATORY Medical Microbiology</b> Enterobacteriaceae
<b>11:30- 12:20</b>	Intra-extrahepatic cholestasis <b>Dr.T.Karakan</b>		GIS and nuclear medicine Dr.N. Ilgın Karabacak	Liver, pancreas and biliary system tumors <b>Dr. N.Günel</b>	<b>LABORATORY Medical Microbiology</b> Enterobacteriaceae
<b>13:30- 14:20</b>	Viruses of hepatitis Dr.M. Yalınay	Free Run-Time	ELECTIVE COURSE Final Exam	<b>Clinical Skills Education</b>  <b>(Nasogastric Catheter Insertion Skill)</b>  <b>Group 1</b>	<b>LABORATORY Medical Microbiology:</b> Enterobacteriaceae
<b>14:30- 15:20</b>	Viruses of hepatitis Dr.M. Yalınay	Free Run-Time	ELECTIVE COURSE Final Exam		<b>LABORATORY Medical Microbiology:</b> Enterobacteriaceae
<b>15:30- 16:20</b>	Viruses of hepatitis Dr.M. Yalınay	Free Run-Time	MEDICAL ENGLISH Final Exam		<b>LABORATORY Medical Microbiology:</b> Enterobacteriaceae
<b>16:30- 17:20</b>	Free Run-Time	Free Run-Time	MEDICAL ENGLISH Final Exam		<b>LABORATORY Medical Microbiology:</b> Enterobacteriaceae

	<b>January 15, 2018 MONDAY</b>	<b>January 16, 2018 TUESDAY</b>	<b>January 17, 2018 WEDNESDAY</b>	<b>January 18, 2018 THURSDAY</b>	<b>January 19, 2018 FRIDAY</b>
<b>08:30- 09:20</b>	Hepatosplenomegaly in childhood  Dr.Ö.Eğritaş Gürkan	<b>LABORATORY Microbiology</b> Helminths and gastrointestinal tract protozoa	<b>LABORATORY Medical Biochemistry</b> Transaminases <b>Dr.N.Bukan</b> <b>Dr.A.Sepici Dinçel</b>	<b>PHASE III COURSE IV EXAM 9.30 AM</b>	<b>PHASE III COURSE V</b>
<b>09:30- 10:20</b>	End stage liver disease  Dr. M. Arhan	<b>LABORATORY Microbiology</b> Helminths and gastrointestinal tract protozoa	<b>LABORATORY Medical Biochemistry</b> Transaminases <b>Dr.N.Bukan</b> <b>Dr.A.Sepici Dinçel</b>		<b>PHASE III COURSE V</b>
<b>10:30- 11:20</b>	End stage liver disease  Dr. M. Arhan	<b>LABORATORY Microbiology</b> Helminths and gastrointestinal tract protozoa	<b>LABORATORY Medical Biochemistry</b> Transaminases <b>Dr.N.Bukan</b> <b>Dr.A.Sepici Dinçel</b>		<b>PHASE III COURSE V</b>
<b>11:30- 12:20</b>	End stage liver disease  Dr. M. Arhan	<b>LABORATORY Microbiology</b> Helminths and gastrointestinal tract protozoa	<b>LABORATORY Medical Biochemistry</b> Transaminases <b>Dr.N.Bukan</b> <b>Dr.A.Sepici Dinçel</b>		<b>PHASE III COURSE V</b>
<b>13:30- 14:20</b>	Pathology of end- stage liver disease  Dr. G. Akyol	<b>LABORATORY Microbiology</b> Helminths and gastrointestinal tract protozoa	<b>ELECTIVE COURSE Make-up Exam</b>	Free Run-Time	<b>PHASE III COURSE V</b>
<b>14:30- 15:20</b>	<b>PATHOLOGY LAB A1</b> Gastrointestinal system, liver and gallbladder <b>Dr.Ö. Ekinçi</b> <b>Dr. G. Akyol</b>	<b>LABORATORY Microbiology</b> Helminths and gastrointestinal tract protozoa	<b>ELECTIVE COURSE Make-up Exam</b>	Free Run-Time	<b>PHASE III COURSE V</b>
<b>15:30- 16:20</b>	<b>PATHOLOGY LAB A2</b> Gastrointestinal system, liver and gallbladder <b>Dr.Ö. Ekinçi</b> <b>Dr. G. Akyol</b>	<b>LABORATORY Microbiology</b> Helminths and gastrointestinal tract protozoa	<b>MEDICAL ENGLISH Make-up Exam</b>	Free Run-Time	<b>PHASE III COURSE V</b>
<b>16:30- 17:20</b>	Free Run-Time	<b>LABORATORY Microbiology</b> Helminths and gastrointestinal tract protozoa	<b>MEDICAL ENGLISH Make-up Exam</b>	Free Run-Time	<b>PHASE III COURSE V</b>

**EXAM: February 18, 2018, 09:30 am**