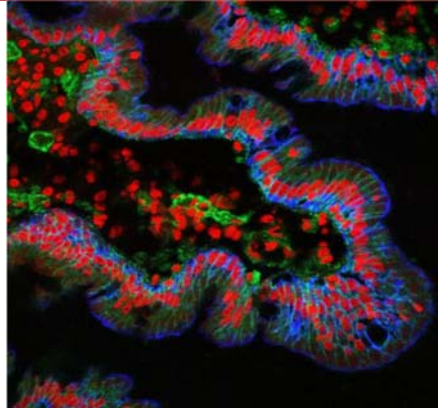




**MARMARA UNIVERSITY – EASTERN MEDITERRANEAN UNIVERSITY
INTERNATIONAL MEDICAL SCHOOL**



**GASTROINTESTINAL SYSTEM, METABOLISM AND RELATED DISORDERS
YEAR 3 COURSE 2
October 22th, 2018 – December 21th, 2018**

Year 3 Coordinators

Prof., Arzu Akşit İLKİ & Assoc. Prof., Pınar Mega TİBER & Assist. Prof., İlke AKÇAY

Module Coordinator Prof., Özlem SARIKAYA Inst. Dr. Berfu ÇERÇİ ÖNGÜN	Introduction to Clinician Skills (ICS) Coordinators Prof., Pemra ÜNALAN Assist. Prof., Bülent SEZGIN
Coordinator of Clinical Skill Lab. Prof., Pemra ÜNALAN Assist. Prof., Bülent SEZGIN	Coordinator of ICS Res. Lab. Prof., Sibel SAKARYA Assist. Prof., İlke AKÇAY
Coordinator of Multidiciplinary Students' Lab. Assoc. Prof., Betül KARADEMİR Assist. Prof., Mümtaz GÜRAN	Coordinator of Assessment Unit Assist. Prof., Cevdet NACAR Assist. Prof., Can ERZİK Assist. Prof., H. Eren SAKALLI
Vice-Chief Coordinators	
Assessment Assist. Prof., Cevdet NACAR Assist. Prof., H. Eren SAKALLI	Student Affairs Assist. Prof., Can ERZİK Assist. Prof., İlke AKÇAY Assist. Prof., Mümtaz GÜRAN
Chief Coordinator Assoc. Prof., Hasan YANANLI Assist. Prof., Mümtaz GÜRAN	Coordinator of Medical Education Program Evaluation and Development Commission Prof., Berrak Ç. YEĞEN
Educational Consultant Prof., Mehmet Ali GÜLPINAR	
Dean (EMU) Prof., Nahide GÖKÇORA	Dean (MU) Prof., Hakan GÜNDÜZ

LEARNING OUTCOMES / COMPETENCIES

- A. **Clinical Care: Qualified patient care and community oriented health care**
 - 1. Basic clinical skills
 - 2. The organization and management of the patient and the patient care
 - 3. The organization and the management of health care delivery services / system
 - 4. Health promotion and disease prevention
- B. **Medical Knowledge and Evidence-Based Medicine**
 - 5. Appropriate information retrieval and management skills
 - 6. The integration of knowledge, critical thinking and evidence-based decision making
 - 7. Scientific methods and basic research skills
- C. **Professional Attitudes and Values**
 - 8. Communication skills and effective communication with patients / patient relatives
 - 9. Interpersonal relationships and team working
 - 10. Ethical and professional values, responsibilities
 - 11. Individual, social and cultural values and responsibilities
 - 12. Reflective practice and continuing development
 - 13. Healthcare delivery systems, management and community oriented health care
 - 14. Education and counseling

PHASE-1 LEARNING OBJECTIVES

- 1. Understanding the normal structures and functions of human body
- 2. Correlating the basic concepts and principles to each other that define health and disease; applying basic concepts and principles to health and disease conditions
- 3. Developing clinical problem solving, clinical reasoning and evaluation skills by integrating biomedical, clinical, social and humanities knowledge
- 4. Gaining basic clinical skills by applications in simulated settings.
- 5. Awareness of the professional values in health and disease processes (professional, individual, societal) and acquisition necessary related skills
- 6. Evaluating critically and synthesizing all the medical evidence and perform respecting scientific, professional, and ethical values
- 7. Acquisition skills in reflective thinking and practicing, being open to continuous individual / professional development.

PHASES – 1 THEMA/ORGAN SYSTEM-BASED COURSE PROGRAMS

Year 1, Course 1: Introduction to Cell and Cellular Replication

Year 1, Course 2: Cellular Metabolism and Transport

Year 1, Course 3: Development and Organization of Human Body

Year 1, Course 4: Introduction to Nervous System and Human Behavior

Year 2, Course 1: Cell and Tissue Injury I

Year 2, Course 2: Cell and Tissue Injury II

Year 2, Course 3: Hematopoietic System and Related Disorders

Year 2, Course 4: Musculoskeletal, Integumentary Systems and Related Disorders

Year 2, Course 5: Respiratory System and Related Disorders

Year 3, Course 1: Cardiovascular System and Related Disorders

Year 3, Course 2: Gastrointestinal System, Metabolism and Related Disorders

Year 3, Course 3: Nervous System and Related Disorders

Year 3, Course 4: Growth, Development, Mental Health and Related Disorders

Year 3, Course 5: Urinary and Reproductive System and Related Disorders

GASTROINTESTINAL SYSTEM, METABOLISM AND RELATED DISORDERS

AIM and LEARNING OBJECTIVES of COURSE

Aim: At the end of this committee, third year students will gain knowledge about the development, structure and physiology of the gastrointestinal system and pathogenesis of the disorders related to this system. They will also gain knowledge about the signs and symptoms of gastrointestinal system disorders, related risk factors, prevention, diagnosis and principles of treatment.

Learning Objectives: At the end of this committee, third year student will,

- understand and review the development, histology and structure of the gastrointestinal system,
- understand the working mechanism of gastrointestinal function and its regulation,
- comprehend gastrointestinal system as a processor converting foods to building stones of energy,
- define the pathologic processes in gastrointestinal system disorders,
- gain knowledge about microorganisms that affect the gastrointestinal system and its infections,
- gain knowledge about the risk factors related to gastrointestinal system disorders and preventive measures,
- gain knowledge about the major signs and symptoms of these disorders
- gain knowledge about the approach to diagnosis, and principles of treatment in gastrointestinal disorders and
- comprehend laboratory investigation as a part of differential diagnosis.

ASSESSMENT SYSTEM

Module examination: Written exam at the end of the course and performance during the module (10 % of final score)

Practical examination: Practical exams at the end of course

Course examination: Written exam at the end of course

PROGRAM EVALUATION

Evaluation at the end of the course, is done both orally and by using structured evaluation forms

DEPARTMENTS PARTICIPATING IN COURSE 3.2 & MODULE 3.2

- Anatomy
- Biochemistry
- Biophysics
- Child Health and Disease
- Family Medicine
- General Surgery
- Histology and Embryology
- Internal Medicine-Gastroenterology

- Medical Genetics
- Medical Microbiology
- Pathology
- Pediatric Surgery
- Pharmacology
- Physiology
- Public Health
- Radiology

LECTURERS / TUTORS

Adnan Giral, Prof., Internal Medicine
 Ahmet Akıcı, Prof., Pharmacology
 Ahmet İlter Güney, Assoc. Prof., Medical Genetics
 Ahmet Topuzoğlu, Prof., Public Health
 Alper Yıldırım, Assoc. Prof., Physiology
 Arzu İlki, Prof., Medical Microbiology
 Arzu Uzuner, Prof., Family Medicine
 Atila Karaalp, Prof., Pharmacology
 Aymelek Yalın, Prof., Anatomy
 Ayşegül Karahasan, Prof., Medical Microbiology
 Berfu Çerçi Öngün, Inst, Anatomy
 Berrak Yeğen, Prof., Physiology

Hızır Kurtel, Prof., Physiology
 Kıvılcım Karadeniz Cerit, Assist. Prof., Pediatric Surgery
 Masoud Afshani, Assist. Prof., Histology & Embryology
 Mehmet Akman, Prof., Family Medicine
 Mümtaz Güran, Assist. Prof., Medical Microbiology
 Nahide Gökçora, Prof., Nuclear Medicine
 Necmettin Ömer Özdoğan, Assoc. Prof., Anatomy
 Neşe İmeryüz, Prof., Internal Medicine
 Nimet Emel Lülecİ, Prof., Public Health
 Nurtane KARAGİL, Instructor, Arts and Crafts
 Nurver Ülger, Prof., Medical Microbiology
 Osman Cavit Özdoğan, Prof., Internal Medicine

Betül Karademir, Assoc. Prof., Medical Biochemistry
Cemal Gürkan, Inst., Forensic Sciences
Cevdet Nacar, Assist. Prof., Biophysics
Çiğdem Ataizi Çelikel, Prof., Pathology
Deniz Duman Güney, Prof., Internal Medicine
Deniz Ertem, Prof., Child Health and Diseases
Derya Türeli, Assoc. Prof., Radiology
Didem Rıfki, Inst., Clinical Skills
Emine Özeriç, Inst., Turkish Language
Ergül Mutlu Altundağ, Assist. Prof., Medical Biochemistry
Feriha Ercan, Prof., Histology and Embryology
Goncagül Haklar, Prof., Medical Biochemistry
Güner Söyledir, Prof., Medical Microbiology
Hande Tuğcan, Inst., Indian Dance

Ömer Günal, Prof., General Surgery
Önder Şirikçi, Prof., Medical Biochemistry
Özgür Kasımay Çakır, Assoc. Prof., Physiology
Pelin Bağcı, Assoc. Prof., Pathology
Pınar Mega Tiber, Assoc. Prof., Biophysics
Saime Batirel, Assist. Prof., Medical Biochemistry
Şirin Funda Eren, Prof., Pathology
Ural Verimli, Assist. Prof., Anatomy
Ümit S. Şehirli, Prof., Anatomy
Yasemin Kurtoğlu, Inst., Aerial Fitness
Yeşim Özen Alahdab, Assoc. Prof., Internal Medicine
Yusuf Yılmaz, Prof., Internal Medicine
Zeliha Leyla Cinel, Prof., Pathology

READING / STUDYING MATERIALS

- Biochemistry, Stryer, 4th Ed., Freeman
- Biochemistry, Zubay, 3rd Ed., WCB
- Harper's Biochemistry, Murray, Granner, 23rd Ed., Lange Interscience, New Jersey 2003
- Introduction to Biostatistics For Health Sciences, Micheal R. Chernick, Robert H. Friss, Willey
- Lehninger Principles of Biochemistry, Nelson, Cox, 3rd edition, Worth
- Medical Statistics at a Glance, Aviva Petrie, Caroline Sabin, Blackwell Science, London, 2003
- Physics, Giancoli, 4th Ed., Prentice Hall
- Practical Statistics For Medical Research, Douglas Altman, Chapman & Hall, London 1995
- Principles of Physiology, Bern and Levy, 4th Ed.
- Temel Biyoistatistik, Mustafa Şenocak, Çağlayan Kitapevi, İstanbul 1990
- Textbook of Physiology, Guyton and Hall, 10th Ed.
- The Cell: A Molecular Approach, Cooper, 2nd Ed., ASM Press
- Molecular Biology of the Cell, Alberts et al. 3rd Ed., Garland
- Basic Pathology (Stanley L. Robbins, Arcia Angel, Vinay Kumar)
- Color Textbook of Histology (Gartner, Hiatt)
- Developing Human (Moore)
- Histology and Cell Biology: An Introduction to Pathology (Abraham L. Kierszenbaum)
- Infectious Diseases (Bannistar, Begg, Gillespie)
- İnfeksiyon Hastalıkları ve Mikrobiyolojisi Cilt 1, 2 (Topçu, Söyletir, Doğanay)
- Tietr Textbook of Clinical Chemistry (Burtis, Ashwood)
- CURRENT Diagnosis & Treatment Gastroenterology, Hepatology, & Endoscopy, Second Edition 2012 (LANGE CURRENT Series) Norton Greenberger, Richard Blumberg, Robert Burak

SUMMARY OF THE COURSE 3.2			
Discipline	Lecture & Group Discussion	Multidisciplinary Lab. & Clinical Skills Lab. Practice	Total
Anatomy	18	8	26
Biophysics	3		3
Child Health and Disease*	0		0
Family Medicine	2		2
General Surgery*	0		0
Histology and Embryology	8	6	14
Internal Medicine*	19		19
Medical Biochemistry	22	4	26
Medical Genetics	1		1
Medical Microbiology*	8	2	10
Nuclear Medicine	1		1
Pathology	18	4	22
Pediatric Surgery	1		1
Pharmacology	4		4
Physiology	17		17
Public Health	3		3
Radiology	2		2
Subtotal	127	24	151
PBL Module	0	8	8
ICS-3: Basic Medical Practices, Clinical Skills Lab.	0	8	8
ICS-3 SRA: Student Research Activity	0	4	4
Turkish for Medical Students – IV	36		36
Turkish for Medical Students – IV (Interactive Session)		6	6
Elective Course	14		14
TOTAL	177	50	227

* Some courses of this department are cancelled due to weather conditions on December 6 and 7, 2018. Those lectures are listed at the end of this document, and they will be covered in the following committees.

	THEORETICAL AND PRACTICAL SESSIONS	LECTURER/TUTOR
Week 1 (October 22-October 26, 2018)		
Monday	22 October	
08:40-09:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
10:40-11:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
11:40-12:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 – Th. and Applied Forensic Sciences MDCN182 – Art & Craft for Medicine Students	Dr. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30	MDCN186 – Modern Indian Dance Course MDCN187 – Aerial Fitness & High Int. Interval Tr.	Inst. Hande Tuğcan Inst. Yasemin Kurtoglu
Tuesday	23 October	
08:40-09:30	Anterior abdominal wall	Dr. Ümit S. Şehirli
09:40-10:30	Anterior abdominal wall	Dr. Ümit S. Şehirli
10:40-11:30	Vessels of the abdomen	Dr. Ümit S. Şehirli
11:40-12:30	Vessels of the abdomen	Dr. Ümit S. Şehirli
13:40-14:30	Anatomy LAB: Anterior abdominal wall, inguinal canal – Group A	Dr. Ümit S. Şehirli Dr. Berfu Çerçi Öngün
14:40-15:30	Anatomy LAB: Anterior abdominal wall, inguinal canal – Group B	Dr. Ümit S. Şehirli Dr. Berfu Çerçi Öngün
15:40-16:30	Anatomy LAB: Vessels of the abdomen – Group A	Dr. Ümit S. Şehirli Dr. Berfu Çerçi Öngün
16:40-17:30	Anatomy LAB: Vessels of the abdomen – Group B	Dr. Ümit S. Şehirli Dr. Berfu Çerçi Öngün
Wednesday	24 October	
08:40-09:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
10:40-11:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
11:40-12:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Thursday	25 October	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Oral cavity, intraoral structures	Dr. Necmettin Ömer Özdoğmuş
11:40-12:30	Oral cavity, intraoral structures	Dr. Necmettin Ömer Özdoğmuş

Last Updated on December 14, 2018

13:40-14:30	Salivary glands	Dr. Necmettin Ömer Özdoğmuş
14:40-15:30	Temporomandibular joint, muscles of mastication	Dr. Necmettin Ömer Özdoğmuş
15:40-16:30	Temporomandibular joint, muscles of mastication	Dr. Necmettin Ömer Özdoğmuş
16:40-17:30	Introduction to the course and opening lecture	Dr. İlke Akçay
Friday	26 October	
08:40-09:30	Metabolism of carbohydrates	Dr. Goncagül Haklar
09:40-10:30	Metabolism of carbohydrates	Dr. Goncagül Haklar
10:40-11:30	Metabolism of carbohydrates	Dr. Goncagül Haklar
11:40-12:30	Metabolism of carbohydrates	Dr. Goncagül Haklar
13:40-14:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
14:40-15:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
15:40-16:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
16:40-17:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
Week 2 (October 29-November 02, 2018)		
Monday	29 October	
08:40-09:30	THE REPUBLIC DAY OF TURKEY	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Tuesday	30 October	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	Esophagus, stomach, duodenum and pancreas	Dr. Aymelek Yalın
11:40-12:30	Esophagus, stomach, duodenum and pancreas	Dr. Aymelek Yalın
13:40-14:30	Regulation of temperature in the body, temperature transducers and thermography	Dr. Cevdet Nacar
14:40-15:30	Application of heat and cold in medicine and human metabolism: energywork and power of body	Dr. Cevdet Nacar
15:40-16:30	Anatomy LAB: Esophagus, stomach, duodenum and pancreas-Group A	Dr. Aymelek Yalın Dr. Berfu Çerçi Öngün
16:40-17:30	Anatomy LAB: Esophagus, stomach, duodenum and pancreas-Group B	Dr. Aymelek Yalın Dr. Berfu Çerçi Öngün
Wednesday	31 October	
08:40-09:30	Peritonum and omenta	Dr. Aymelek Yalın
09:40-10:30	Peritonum and omenta	Dr. Aymelek Yalın
10:40-11:30	Anatomy LAB: Peritonum and Omenta-Group A	Dr. Aymelek Yalın

Last Updated on December 14, 2018

		Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: Peritonum and Omenta-Group B	Dr. Aymelek Yalın Dr. Berfu Çerçi Öngün
13:40-14:30	Jejunum, ileum and colon	Dr. Aymelek Yalın
14:40-15:30	Jejunum, ileum and colon	Dr. Aymelek Yalın
15:40-16:30	Rectum and anal canal	Dr. Aymelek Yalın
16:40-17:30	Genetics of gastrointestinal disorders	Dr. Ahmet İlder Güney
Thursday	01 November	
08:40-09:30	Histology of oral cavity, lip, tooth, tongue and esophagus	Dr. Feriha Ercan
09:40-10:30	Histology of oral cavity, lip, tooth, tongue and esophagus	Dr. Feriha Ercan
10:40-11:30	Histology of stomach	Dr. Feriha Ercan
11:40-12:30	Development of digestive system	Dr. Feriha Ercan
13:40-14:30	Histology LAB: Upper digestive tract	Dr. Feriha Ercan Dr. Masoud Afshani
14:40-15:30	Histology LAB: Upper digestive tracti	Dr. Feriha Ercan Dr. Masoud Afshani
15:40-16:30	Anatomy LAB: Small and large intestine, rectum and anal canal-Group A	Dr. Aymelek Yalın
16:40-17:30	Anatomy LAB: Small and large intestine, rectum and anal canal-Group B	Dr. Aymelek Yalın
Friday	02 November	
08:40-09:30	Histology of pancreas	Dr. Feriha Ercan
09:40-10:30	Histology of the liver and portal system	Dr. Feriha Ercan
10:40-11:30	Development of digestive system	Dr. Feriha Ercan
11:40-12:30	Development of digestive system	Dr. Feriha Ercan
13:40-14:30	Histology LAB: Lower digestive tract	Dr. Feriha Ercan Dr. Masoud Afshani
14:40-15:30	Histology LAB: Lower digestive tract	Dr. Feriha Ercan Dr. Masoud Afshani
15:40-16:30	Histology LAB: Liver, pancreas and salivary glands	Dr. Feriha Ercan Dr. Masoud Afshani
16:40-17:30	Histology LAB: Liver, pancreas and salivary glands	Dr. Feriha Ercan Dr. Masoud Afshani
Week 3 (November 05-09, 2018)		
Monday	05 November	
08:40-09:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
10:40-11:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
11:40-12:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 – Th. and Applied Forensic Sciences MDCN182 – Art & Craft for Medicine Students	Dr. Cemal Gürkan Inst. Nurtane Karagil

Last Updated on December 14, 2018

16:40-17:30	MDCN186 – Modern Indian Dance Course MDCN187 – Aerial Fitness & High Int. Interval Tr.	Inst. Hande Tuğcan Inst. Yasemin Kurtoglu
Tuesday	06 November	
08:40-09:30	Biochemical aspects of nutrition	Dr. Saime Batirel
09:40-10:30	Biochemical aspects of nutrition	Dr. Saime Batirel
10:40-11:30	Gastric, intestinal and pancreatic function tests	Dr. Saime Batirel
11:40-12:30	Gastric, intestinal and pancreatic function tests	Dr. Saime Batirel
13:40-14:30	Gastric digestion	Dr. Berrak Yegen
14:40-15:30	Gastric digestion	Dr. Berrak Yegen
15:40-16:30	Pathology of gastritis and peptic ulcer disease	Dr. Zeliha Leyla Cinel
16:40-17:30	Neoplastic diseases of stomach	Dr. Zeliha Leyla Cinel
Wednesday	07 November	
08:40-09:30	STUDY TIME	
09:40-10:30	Oral digestion and deglutition	Dr. Hızır Kurtel
10:40-11:30	Oral digestion and deglutition	Dr. Hızır Kurtel
11:40-12:30	Digestion in the small and large intestine	Dr. Hızır Kurtel
13:40-14:30	Exocrine pancreas	Dr. Hızır Kurtel
14:40-15:30	Exocrine pancreas	Dr. Hızır Kurtel
15:40-16:30	Turkish for Medical Students – IV (Interactive Session)	Inst. Emine Özerinç
16:40-17:30	Turkish for Medical Students – IV (Interactive Session)	Inst. Emine Özerinç
Thursday	08 November	
08:40-09:30	Role of bile in digestion	Dr. Hızır Kurtel
09:40-10:30	Role of bile in digestion	Dr. Hızır Kurtel
10:40-11:30	Functions of large intestine	Dr. Hızır Kurtel
11:40-12:30	Functions of large intestine	Dr. Hızır Kurtel
13:40-14:30	Heat and temperature, heat transfer in the body	Dr. Pınar Mega Tiber
14:40-15:30	Dyspepsia in primary care	Dr. Arzu Uzuner
15:40-16:30	Dyspepsia in primary care	Dr. Arzu Uzuner
16:40-17:30	STUDY TIME	
Friday	09 November	
08:40-09:30	STUDY TIME	
09:40-10:30	Introduction to gastrointestinal system	Dr. Alper Yıldırım
10:40-11:30	Physiology of gastrointestinal motility	Dr. Alper Yıldırım
11:40-12:30	Energy metabolism, energy turnover and balance	Dr. Alper Yıldırım
13:40-14:30	Gastrointestinal system infections due to Escherichia coli	Dr. Ayşegül Karahasan
14:40-15:30	Infections due to vibrio cholerae and campylobacter species	Dr. Ayşegül Karahasan
15:40-16:30	Helminth infections and echinococcosis	Dr. Ayşegül Karahasan
16:40-17:30	Microbiological approach to the patient with diarrhea	Dr. Ayşegül Karahasan

Week 4 (November 12-16, 2018)		
Monday	12 November	
08:40-09:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
10:40-11:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
11:40-12:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 – Th. and Applied Forensic Sciences MDCN182 – Art & Craft for Medicine Students	Dr. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30	MDCN186 – Modern Indian Dance Course MDCN187 – Aerial Fitness & High Int. Interval Tr.	Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	13 November	
08:40-09:30	STUDY TIME	
09:40-10:30	Symptoms and signs of the gastrointestinal diseases	Dr. Adnan Giral
10:40-11:30	Symptoms and signs of the gastrointestinal diseases	Dr. Adnan Giral
11:40-12:30	Gastroesophageal reflux disease	Dr. Adnan Giral
13:40-14:30	Peptic ulcer disease	Dr. Adnan Giral
14:40-15:30	Motility disorders of esophagus	Dr. Adnan Giral
15:40-16:30	PBL Module-1	Dr. Bülent Sezgin Dr. Didem Rıfki
16:40-17:30	PBL Module-1	Dr. Halil Eren Sakallı
Wednesday	14 November	
08:40-09:30	Turkish for Medical Students – IV (Interactive Session)	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students – IV (Interactive Session)	Inst. Emine Özerinç
10:40-11:30	Turkish for Medical Students – IV (Interactive Session)	Inst. Emine Özerinç
11:40-12:30	Turkish for Medical Students – IV (Interactive Session)	Inst. Emine Özerinç
13:40-14:30	ICS-3 Research: Research Proposal Presentations	Dr. Mehmet Akman
14:40-15:30	ICS-3 Research: Research Proposal Presentations	Dr. İlke Akçay
15:40-16:30	ICS-3 Research: Research Proposal Presentations	Dr. Mümtaz Güran
16:40-17:30	ICS-3 Research: Research Proposal Presentations	Dr. Halil Eren Sakallı
Thursday	15 November	
08:40-09:30	TRNC Republic Day (HOLIDAY)	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		

Last Updated on December 14, 2018

Friday	16 November	
08:40-09:30	Anatomy LAB: Oral cavity, intraoral structures - Group A	Dr. Aymelek Yalın Dr. Berfu Çerçi Öngün
09:40-10:30	Anatomy LAB: Oral cavity, intraoral structures - Group B	Dr. Aymelek Yalın Dr. Berfu Çerçi Öngün
10:40-11:30	Anatomy LAB: Salivary glands, temporomandibular joint, muscles of mastication - Group A	Dr. Aymelek Yalın Dr. Berfu Çerçi Öngün
11:40-12:30	Anatomy LAB: Salivary glands, temporomandibular joint, muscles of mastication - Group B	Dr. Aymelek Yalın Dr. Berfu Çerçi Öngün
13:40-14:30	Malabsorption, maldigestion	Dr. Neşe İmeryüz
14:40-15:30	Tumors of the esophagus stomach and intestine	Dr. Neşe İmeryüz
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Week 5 (November 19-23, 2018)		
Monday	19 November	
08:40-09:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
10:40-11:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
11:40-12:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 – Th. and Applied Forensic Sciences MDCN182 – Art & Craft for Medicine Students MDCN186 – Modern Indian Dance Course MDCN187 – Aerial Fitness & High Int. Interval Tr.	Dr. Cemal Gürkan Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoglu
16:40-17:30		
Tuesday	20 November	
08:40-09:30	RELIGIOUS DAY (HOLIDAY)	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
Wednesday	21 November	
08:40-09:30	ICS-3: CSL: Abdomen session	Dr. Bülent Sezgin
09:40-10:30	ICS-3: CSL: Abdomen session	Dr. Didem Rıfki
10:40-11:30	ICS-3: CSL: Abdomen session	Dr. Cihan Tüccar
11:40-12:30	ICS-3: CSL: Abdomen session	Dr. Halil Eren Sakallı
13:40-14:30	ICS-3: CSL: Abdomen session	Dr. Bülent Sezgin
14:40-15:30	ICS-3: CSL: Abdomen session	Dr. Didem Rıfki

Last Updated on December 14, 2018

15:40-16:30	ICS-3: CSL: Abdomen session	Dr. Cihan Tüccar
16:40-17:30	ICS-3: CSL: Abdomen session	Dr. Halil Eren Sakallı
Thursday	22 November	
08:40-09:30	PBL Module-2	Dr. Bülent Sezgin
09:40-10:30	PBL Module-2	Dr. Didem Rıfkı
10:40-11:30	Pathology of oral cavity and salivary glands	Dr. Halil Eren Sakallı
11:40-12:30	Digestion of nitrogenous compounds, carbohydrates and fat	Dr. Şirin Funda Eren
		Dr. Önder Şirikçi
13:40-14:30	Digestion of nitrogenous compounds, carbohydrates and fat	Dr. Önder Şirikçi
14:40-15:30	Transport of digested compounds	Dr. Önder Şirikçi
15:40-16:30	Transport of digested compounds	Dr. Önder Şirikçi
16:40-17:30	Metabolism of aminoacids	Dr. Önder Şirikçi
Friday	23 November	
08:40-09:30	Y1C1 THEORETICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Week 6 (November 26-November 30, 2018)		
Monday	26 November	
08:40-09:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
10:40-11:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
11:40-12:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 – Th. and Applied Forensic Sciences MDCN182 – Art & Craft for Medicine Students	Dr. Cemal Gürkan
16:40-17:30	MDCN186 – Modern Indian Dance Course MDCN187 – Aerial Fitness & High Int. Interval Tr.	Inst. Nurtane Karagil Inst. Hande Tuğcan Inst. Yasemin Kurtoglu
Tuesday	27 November	
08:40-09:30	Liver, biliary and portal system	Dr. Ural Verimli
09:40-10:30	Liver, biliary and portal system	Dr. Ural Verimli
10:40-11:30	Hepatobiliary scintigraphy	Dr. Nahide Gökçora
11:40-12:30	Metabolism of nucleotides	Dr. Ergül Mutlu Altundağ
13:40-14:30	Liver function tests	Dr. Goncagül Haklar

Last Updated on December 14, 2018

14:40-15:30	Liver function tests	Dr. Goncagül Haklar
15:40-16:30	Anatomy LAB: Liver, biliary and portal system – Group A	Dr. Ural Verimli Dr. Berfu Çerçi Öngün
16:40-17:30	Anatomy LAB: Liver, biliary and portal system – Group B	Dr. Ural Verimli Dr. Berfu Çerçi Öngün
Wednesday	28 November	
08:40-09:30	Morphological patterns of hepatic injury and cirrhosis	Dr. Çiğdem Ataizi Çelikel
09:40-10:30	Pathology of acute and chronic hepatitis	Dr. Çiğdem Ataizi Çelikel
10:40-11:30	Other viral infectious diseases of the liver	Dr. Çiğdem Ataizi Çelikel
11:40-12:30	Pediatric liver disease	Dr. Çiğdem Ataizi Çelikel
13:40-14:30	Biochemistry LAB: Transamination	Dr. Betül Karademir Dr. Ergül Mutlu Altundağ Inst. Duygu Gençalp
14:40-15:30	Biochemistry LAB: Transamination	Dr. Betül Karademir Dr. Ergül Mutlu Altundağ Inst. Duygu Gençalp
15:40-16:30	Biochemistry LAB: Transamination	Dr. Betül Karademir Dr. Ergül Mutlu Altundağ Inst. Duygu Gençalp
16:40-17:30	Biochemistry LAB: Transamination	Dr. Betül Karademir Dr. Ergül Mutlu Altundağ Inst. Duygu Gençalp
Thursday	29 November	
08:40-09:30	Gastrointestinal absorption	Dr. Özgür Kasımay Çakır
09:40-10:30	Gastrointestinal absorption	Dr. Özgür Kasımay Çakır
10:40-11:30	Physiological functions of vitamins	Dr. Özgür Kasımay Çakır
11:40-12:30	Metabolism of inorganic compounds	Dr. Betül Karademir
13:40-14:30	Detoxification mechanisms	Dr. Betül Karademir
14:40-15:30	Fatty Liver Disease: Alcoholic and Non-Alcoholic	Dr. Çiğdem Ataizi Çelikel
15:40-16:30	Mass lesions of the liver	Dr. Çiğdem Ataizi Çelikel
16:40-17:30	Mass lesions of the liver	Dr. Çiğdem Ataizi Çelikel
Friday	30 November	
08:40-09:30	Drug and toxin induced liver disease	Dr. Çiğdem Ataizi Çelikel
09:40-10:30	Metabolic disorders of liver	Dr. Çiğdem Ataizi Çelikel
10:40-11:30	Pathology LAB: Pathology of liver and gallbladder	Dr. Çiğdem Ataizi Çelikel
11:40-12:30	Pathology LAB: Pathology of liver and gallbladder	Dr. Çiğdem Ataizi Çelikel
13:40-14:30	Inborn errors of metabolism	Dr. Çiğdem Ataizi Çelikel
14:40-15:30	Inflammatory bowel disease	Dr. Çiğdem Ataizi Çelikel
15:40-16:30	Pathology LAB: Upper GI tract pathology-Group A	Dr. Çiğdem Ataizi Çelikel
16:40-17:30	Pathology LAB: Upper GI tract pathology-Group A	Dr. Çiğdem Ataizi Çelikel
Week 7 (December 03-07, 2018)		

Last Updated on December 14, 2018

Monday	03 December	
08:40-09:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
10:40-11:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
11:40-12:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 – Th. and Applied Forensic Sciences MDCN182 – Art & Craft for Medicine Students	Dr. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30	MDCN186 – Modern Indian Dance Course MDCN187 – Aerial Fitness & High Int. Interval Tr.	Inst. Hande Tuğcan Inst. Yasemin Kurtoğlu
Tuesday	04 December	
08:40-09:30	Proteins in the diet and nitrogen metabolism	Dr. Önder Şirikçi
09:40-10:30	Proteins in the diet and nitrogen metabolism	Dr. Önder Şirikçi
10:40-11:30	Porphyrins and bile pigments	Dr. Önder Şirikçi
11:40-12:30	Porphyrins and bile pigments	Dr. Önder Şirikçi
13:40-14:30	PBL Module-3	Dr. Bülent Sezgin Dr. Didem Rıfki
14:40-15:30	PBL Module-3	Dr. Halil Eren Sakallı
15:40-16:30	Infections due to intestinal protozoa	Dr. Nurver Ülger
16:40-17:30	Food poisoning	Dr. Nurver Ülger
Wednesday	05 December	
08:40-09:30	Pathology of exocrine pancreas, gall bladder and extrahepatic biliary tract	Dr. Pelin Bağcı
09:40-10:30	Pathology of exocrine pancreas, gall bladder and extrahepatic biliary tract	Dr. Pelin Bağcı
10:40-11:30	Infectious enterocolitis	Dr. Pelin Bağcı
11:40-12:30	Pathology of esophagus	Dr. Pelin Bağcı
13:40-14:30	Alcoholic and non-alcoholic liver disease	Dr. Yusuf Yılmaz
14:40-15:30	Infections due to Salmonella, Shigella and Yersinia	Dr. Nurver Ülger
15:40-16:30	Pathology LAB: Lower GI tract pathology-Group A	Dr. Pelin Bağcı
16:40-17:30	Pathology LAB: Lower GI tract pathology-Group A	Dr. Pelin Bağcı
Thursday	06 December	
08:40-09:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
09:40-10:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
10:40-11:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
11:40-12:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
13:40-14:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
14:40-15:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
15:40-16:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
16:40-17:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	

Last Updated on December 14, 2018

Friday	07 December	
08:40-09:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
09:40-10:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
10:40-11:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
11:40-12:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
13:40-14:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
14:40-15:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
15:40-16:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
16:40-17:30	COURSES ARE CANCELLED DUE WEATHER CONDITIONS	
Week 8 (December 10-14, 2018)		
Monday	10 December	
08:40-09:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
09:40-10:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
10:40-11:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
11:40-12:30	Turkish for Medical Students - IV	Inst. Emine Özerinç
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	MDCN181 – Th. and Applied Forensic Sciences MDCN182 – Art & Craft for Medicine Students	Dr. Cemal Gürkan Inst. Nurtane Karagil
16:40-17:30	MDCN186 – Modern Indian Dance Course MDCN187 – Aerial Fitness & High Int. Interval Tr.	Inst. Hande Tuğcan Inst. Yasemin Kurtoglu
Tuesday	11 December	
08:40-09:30	STUDY TIME	
09:40-10:30	Acute abdominal pain in children	Dr. Kıvılcım Karadeniz Cerit
10:40-11:30	Mushroom and insecticide poisoning	Dr. Atila Karaalp
11:40-12:30	Pharmacotherapy in hepatic disorders and the influence of liver function on drug disposition	Dr. Atila Karaalp
13:40-14:30	Radiology of the gastrointestinal tract	Dr. Derya Türelİ
14:40-15:30	Radiology of the gastrointestinal tract	Dr. Derya Türelİ
15:40-16:30	PBL Module-4	Dr. Bülent Sezgin Dr. Didem Rıfki
16:40-17:30	PBL Module-4	Dr. Halil Eren Sakallı
Wednesday	12 December	
08:40-09:30	Gallstone disease, diseases of the biliary tract	Dr. Osman Cavit Özdoğan
09:40-10:30	Liver cirrhosis; epidemiology and etiology	Dr. Osman Cavit Özdoğan
10:40-11:30	Metabolic diseases of liver	Dr. Osman Cavit Özdoğan
11:40-12:30	Liver cirrhosis; diagnosis, staging and portal hypertension	Dr. Osman Cavit Özdoğan
13:40-14:30	Liver cirrhosis; complications, treatment and liver transplantation	Dr. Osman Cavit Özdoğan
14:40-15:30	Viral gastroenteritis	Dr. Z. Arzu İlki
15:40-16:30	Microbiology LAB: Laboratory Diagnosis of GIS Infections	Dr. Z. Arzu İlki

Last Updated on December 14, 2018

		Dr. Mümtaz Güran
16:40-17:30	Microbiology LAB: Laboratory Diagnosis of GIS Infections	Dr. Z. Arzu İlki Dr. Mümtaz Güran
Thursday	13 December	
08:40-09:30	Pharmacotherapy of gastrointestinal motility disorders	Dr. Ahmet Akıcı
09:40-10:30	Pharmacotherapy of gastrointestinal motility disorders	Dr. Ahmet Akıcı
10:40-11:30	Inflammatory bowel disease	Dr. Yeşim Özen Alahdab
11:40-12:30	Inflammatory bowel disease	Dr. Yeşim Özen Alahdab
13:40-14:30	Abdominal pain	Dr. Yeşim Özen Alahdab
14:40-15:30	Approach to the mass lesions of liver	Dr. Yeşim Özen Alahdab
15:40-16:30	Autoimmune diseases of the liver	Dr. Yeşim Özen Alahdab
16:40-17:30	Approach to gastrointestinal bleeding	Dr. Yeşim Özen Alahdab
Friday	14 December	
08:40-09:30	Y2C2 THEORETICAL EXAM	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	Epidemiology of zoonotic disease	Dr. Ahmet Topuzoğlu
14:40-15:30	Epidemiology of food and waterborne disease	Dr. Ahmet Topuzoğlu
15:40-16:30	Food additives	Dr. Nimet Emel Lülecı
16:40-17:30	STUDY TIME	
Week 9 (December 17-21, 2018)		
Monday	17 December	
08:40-09:30	ANATOMY PRACTICAL EXAM	Dr. Berfu Çerçi Öngün
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Tuesday	18 December	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	

Last Updated on December 14, 2018

16:40-17:30	STUDY TIME	
Wednesday	19 December	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Thursday	20 December	
08:40-09:30	STUDY TIME	
09:40-10:30	STUDY TIME	
10:40-11:30	STUDY TIME	
11:40-12:30	STUDY TIME	
13:40-14:30	STUDY TIME	
14:40-15:30	STUDY TIME	
15:40-16:30	STUDY TIME	
16:40-17:30	STUDY TIME	
Friday	21 December	
08:40-09:30	Y3C2 THEORETICAL EXAM (starts at 9:30)	
09:40-10:30		
10:40-11:30		
11:40-12:30		
13:40-14:30		
14:40-15:30		
15:40-16:30		
16:40-17:30		
	Y3C2 courses that are postponed to the next committee	
	Acute abdominal pain	Dr. Ömer Günal
	Epidemiology and laboratory diagnosis of viral hepatitis	Dr. Güner Söyledir
	Epidemiology and laboratory diagnosis of viral hepatitis	Dr. Güner Söyledir
	Approach to diseases of the pancreas	Dr. Deniz Duman Güney
	Approach to diseases of the pancreas	Dr. Deniz Duman Güney
	Viral hepatitis	Dr. Deniz Duman Güney
	Viral hepatitis	Dr. Deniz Duman Güney
	Gastroenteritis/Dehydration and oral rehydration	Dr. Deniz Ertem
	Malabsorption and maldigestion in children	Dr. Deniz Ertem
	Nutritional assessment: Degree of malnutrition	Dr. Deniz Ertem