

## **PHASE I**

### **AIM**

Students will gain an appreciation of the role of a futuristic physician with a system based educational approach incorporating clinical and basic sciences, encouraging them to meet patients and start learning medical terminology from the first day.

### **LEARNING OBJECTIVES**

At the end of phase I, the students will be able to;

1. **explain** the basic terms and concepts of medical informatics and biostatistics, medical biology and genetics, medical history and ethics, medical biochemistry, anatomy, biophysics, medical pharmacology, physiology, histology and embryology, medical pathology and medical microbiology.
2. **appraise** and **recognize** the holistic approach of a futuristic physician by combining their knowledge in medical education and medical humanities.
3. **apply** the basic clinical skills in simulated environments and real clinical settings.
4. **demonstrate** the communication skills required to be a competent physician and **practice** the history taking and patient-doctor interview.
5. **define** the basic and clinical aspects of musculoskeletal system and **apply** their knowledge in musculoskeletal system while observing relevant clinical cases.
6. **define** the basic steps of a research study.
7. **analyse** the clinical cases in problem-based learning sessions and demonstrate the skills on problem solving and critical thinking, **practice** USMLE questions.
8. **demonstrate** the skills in teamwork and evidence-based research and **develop** the self-discipline that will help them to learn independently.

### **Skills**

The students will be able to;

1. Demonstrate basic communication skills and professional skills in Introduction to Clinical Practice (ICP) courses in the simulated environment and on models ,
2. Take a detailed anamnesis
3. Apply effective communication techniques in patient-doctor interview.
4. Define and apply the basic information about first aid.
5. Will be able to use basic diagnostic devices like Light microscope etc.
6. Will be able to apply the basic skills like hygienic hand washing, working with biological materials, wearing sterile gloves , intramuscular injection, etc.
7. Will be able to find and distinguish the locations of bones, muscles, etc. on models and cadavers.

### **Attitudes**

**The students will be able to;**

1. Cooperate with colleagues and work in teams,
2. Internalize the idea that medicine is a respectable and honorable profession,
3. Be aware of the basic duties of the physician and take responsibility.
4. Comprehend features such as problem solving, motivation, self-learning and independent learning with PBL sessions.

### **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	5	5	1	2	2	3	4
LO2	3	2	4	1	2	2	5	5
LO3	3	5	1	1	2	2	5	4
LO4	3	5	4	2	3	2	5	4
LO5	3	3	3	1	3	2	5	5
LO6	3	3	3	1	3	2	5	5
LO7	4	5	4	1	4	3	5	5
LO8	3	4	5	3	2	2	4	5

#### 1.1 INTRODUCTION TO MEDICAL EDUCATION COMMITTEE

##### AIM

- To assimilate the history of medicine and to follow the development in the process.
- To identify and define medical terms.
- To gain knowledge about the scientific foundations of medicine.
- To demonstrate basic communication skills

##### Learning Objectives

At the end of this committee, the student will be able to;

1. develop the habit of retrospective thinking by recognizing the historical aspect of medicine.
2. define the basic terminological concepts related to medicine.
3. work collaboratively with other healthcare professionals.
4. comprehend the basic principles of human behavior.
5. communicate clearly both verbally and in writing.
6. gain the sensitivity of being the future doctor leaders.

### 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	5	4	3	5	2	4	5
LO2	1	5	2	1	1	1	5	4
LO3	3	1	3	5	5	5	2	2
LO4	5	4	3	4	4	4	1	2
LO5	2	2	3	4	3	5	2	2
LO6	5	4	5	5	4	3	4	5

#### 1.2 MEDICAL SCIENCES I COMMITTEE

##### AIM

The purpose of this committee is to teach the classification of proteins, carbohydrates, lipids, their basic structures and properties, to teach the cytoskeletal system and interactions between cells, to introduce anatomical structures, to teach the basics of biophysics, to give information about the distribution of data, and to learn basic laboratory and medical applications.

##### Learning objectives:

**At the end of this committee the students;**

1. Will gain knowledge about medical statistical methods. Should be able to have information about the distribution of the data and use this information in the analysis of the data.
2. Will gain information about the cytoskeletal system and interactions between cells, organelles and their functions.
3. Will be able to explain the classification, basic structure and properties of proteins, carbohydrates and lipids.
4. Will define the basic principles of biophysics, to understand and explain the biophysical basis of biological functions such as action potential, electrical stimulation of skeletal muscle.
5. Will explain the basic histological concepts and distinguish the cell morphologically.
6. Will explain the basic anatomical concepts.
7. Will be able to explain the physiological concepts to be able to comprehend the intracellular and intercellular interactions.
8. Will be able to provide teamwork in introduction to clinical practices.

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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	1	3	1	1	1	1	5	3
LO2	3	5	1	2	3	2	5	4
LO3	3	5	1	1	3	2	5	4
LO4	3	5	1	1	3	2	5	4
LO5	3	5	1	1	3	2	5	4
LO6	3	5	1	1	3	2	5	4
LO7	4	5	1	1	3	2	5	4
LO8	3	5	5	5	5	5	4	5

### 1.3 MEDICAL SCIENCES II

#### AIM

The purpose of this committee is to classify vitamins and enzymes, to comprehend their basic structures and properties, to teach cell membrane differentiation, to introduce basic genetic concepts, to give basic concepts of microbiology, to comprehend the anatomy of joints, to teach and show practically the four basic tissues in histology.

#### Learning Objectives:

**At the end of this committee the students,**

1. Will be able to make statistical evaluation,
2. Will be able to have information about the detailed anatomy of the joints in the human body and their functional relationships.
3. Will be able to describe the four basic tissue concepts,
4. Will be able to explain the normal structure of the human body at the level of cells, organs and organisms,
5. Will be able to acquire the basic information about genetic materials
6. Will be able to learn surgical hand washing, sterile gloves, wearing and removing cap-mask, drug preparation and injection, taking pulse and measuring temperature.
7. Will be able to maintain their own health and improve their ability to cope with difficulties.
8. Will be able to comprehend the importance of biochemical analyzes in clinical medicine.

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	3	4	3	2	3	2	5	5
LO2	3	5	1	3	3	3	5	4
LO3	3	5	1	1	3	2	5	4
LO4	3	5	1	1	3	2	5	4
LO5	3	5	1	1	3	2	5	4
LO6	5	5	3	2	4	3	5	4
LO7	5	5	3	3	3	2	3	3
LO8	5	5	3	2	2	2	5	5

#### 1.4. MEDICAL SCIENCES III COMMITTEE

##### AIM

The aim of this committee is to inform students about biomolecule metabolism, to teach the process of gene expression, to give basic concepts about immunology, to comprehend the anatomy of muscle tissue, to teach embryological development and to show the applied development process with three-dimensional trainings.

##### Learning Objectives:

##### At the end of this committee the students;

1. Will define the biochemical mechanism of biomolecules,
2. Will gain knowledge about the anatomical features of the muscles.
3. Will be able to explain the replication, transcription and translation mechanisms that occur in the cell.
4. Will gain knowledge about the immune system and define its components,
5. Will be able to evaluate the general status of the patient,
6. Will be able to follow the embryological development process

##### Skills

##### The students;

1. Will be able to prepare solutions in the discipline of biochemistry
2. Will be able to distinguish the muscles anatomically and show them on cadavers with models.
3. Will be able to perform DNA isolation steps by understanding the principle of polymerase chain reaction (PCR)
4. Will be able to use the microscope and distinguish four basic tissues

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	3	5	1	2	3	2	5	5
LO2	3	5	1	1	3	3	5	4
LO3	3	5	1	1	3	3	5	4
LO4	3	5	1	1	3	2	5	5
LO5	5	5	3	5	5	5	5	5
LO6	3	5	5	1	1	1	5	5

### 1.5. MEDICAL SCIENCES IV COMMITTEE

#### AIM

The purpose of this committee is to inform students about pharmacology and pathology disciplines and applications, to teach inheritance models and mutations, to give PBL approach, to comprehend lower extremity anatomy.

#### Learning Objectives

**At the end of this committee the students;**

1. Will be able to define cell division, cell life cycle, intercellular communication and control mechanisms.
2. Will evaluate genetics within its clinical aspect and associate it with genetic diseases,
3. Will be able to define basic pharmacological concepts.
4. Will be able to define basic pathological concepts.
5. Will be able to explain musculoskeletal system anatomy

#### Skills

**The students;**

1. Will be able to inject, put on serum, wrap and bandage, gain knowledge about triage and how to dispose of medical wastes.
2. Will be able to show the anatomical structures of the extremities on models and cadavers

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	3	5	1	2	2	2	5	5
LO2	5	5	3	1	1	3	5	5
LO3	4	5	3	1	1	1	5	4
LO4	4	5	3	1	3	3	5	5
LO5	3	5	2	3	3	3	5	5

**BIRUNI ENGLISH MEDICAL SCHOOL AIM AND LEARNING OBJECTIVES OF PHASE I**

**AIM**

Students will gain an appreciation of the role of a futuristic physician with a system based educational approach incorporating clinical and basic sciences, encouraging them to meet patients and start learning medical terminology from the first day.

**LEARNING OBJECTIVES**

At the end of phase I, the students will be able to;

- explain the basic terms and concepts of medical informatics and biostatistics, medical biology and genetics, medical history and ethics, medical biochemistry, anatomy, biophysics, medical pharmacology, physiology, histology and embryology, medical pathology and medical microbiology.
- appraise and recognize the holistic approach of a futuristic physician by combining their knowledge in medical education and medical humanities.
- apply the basic clinical skills in simulated environments and real clinical settings.
- demonstrate the communication skills required to be a competent physician.
- practice the history taking and patient- doctor interview.
- define the basic and clinical aspects of musculoskeletal system.
- apply their knowledge with relevant clinical cases.
- define the basic steps of a research study.
- analyse the clinical cases in problem-based learning sessions and demonstrate the skills on problem solving and critical thinking.
- demonstrate the skills in teamwork and evidence-based research.
- develop the self-discipline that will help them to learn independently.
- practice TUS and USMLE questions.

**COMMITTEE I - PHASE I INTRODUCTION TO MEDICAL EDUCATION (EMS 101) DISTRIBUTION of LECTURE HOURS  
October 4-29, 2021 (4 WEEKS)**

LECTURES	FACULTY	THEO.	PRAC.	TOTAL
MEDICAL EDUCATION	TARIF BAKDASH, MD, Prof. / TUMAY SADIKOGLU, MD, Assist. Prof.	4	0	4
MEDICAL HUMANITIES	TARIF BAKDASH, MD, Prof.	4	0	4
INTRODUCTION TO PATHOLOGY	DILEK SEMA ARICI MD, Prof. / DUYGU DUSMEZ APA MD, Prof.	1	0	1
MEDICAL TERMINOLOGY	BULENT OZDEMIR, MD, Prof.	4	0	4
INTRODUCTION TO BIOCHEMISTRY	AHMET BELCE, PhD, Prof.	1	0	1
MEDICAL HISTORY	NİL SARI, PhD, Prof.	10	0	10
INTRODUCTION TO MICROBIOLOGY	M. DERYA AYDIN, MD, Prof. / YAĞMUR EKENOĞLU MERDAN, PhD, ASSIST. PROF.	1	0	1
INTRODUCTION TO ANATOMY	AHMET SINAV, MD, Prof.	1	0	1
INTRODUCTION TO PHYSIOLOGY	HASAN SERDAR GERGERLIOGLU, MD, Prof.	1	0	1
INTRODUCTION TO CLINICAL PRACTICE	TUMAY SADIKOGLU, MD, Assist. Prof.	4	8	12
INTRODUCTION TO HISTOLOGY & EMBRYOLOGY	NAZLI ECE ORDUERI, PhD, Assoc. Prof.	1	0	1
INTRODUCTION TO PHARMACOLOGY EDUCATION	ZELIHA YAZICI PhD, Prof.	1	0	1
INTRODUCTION TO MEDICAL BIOLOGY AND GENETICS	GUVEN YENMIS, PhD, Assist. Prof.	1	0	1
BEHAVIORAL SCIENCES	SENA YENEL, MD, Assist. Prof.	4	0	4
COMMUNICATION SKILLS	SENA YENEL, MD, Assist. Prof.	2	0	2
<b>TOTAL</b>		<b>40</b>	<b>8</b>	<b>48</b>

CLASSROOMS: FACE TO FACE CLASSES: REYHAN CONFERENCE HALL. PLEASE CHECK THE CLASSES WHICH WILL BE HELD ONLINE OR AT R304.

**COMMITTEE I INTRODUCTION TO MEDICAL EDUCATION (EMS 101) WEEK-I**

Oct 4. - 8, 2021	04.10.2021 MONDAY	05.10.2021 TUESDAY	06.10.2021 WEDNESDAY	07.10.2021 THURSDAY	08.10.2021 FRIDAY
08:30-09:15	OPENING CEREMONY REYHAN BUILDING CONFERENCE HALL TIME: 10:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
9:25-10:10		INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05		INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING

11:15-12:00		INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
LUNCH BREAK		LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	ORIENTATION TUMAY SADIKOGLU R304 TIME: 13:00	INTRODUCTION TO ANATOMY AHMET SINAV R304	BEHAVIORAL SCIENCES Introduction to Behavioral Sciences SENA YENEL ONLINE	MEDICAL EDUCATION Basic principles and teaching models in medical education TUMAY SADIKOGLU	
13:55-14:40		MEDICAL TERMINOLOGY BULENT OZDEMIR R304	BEHAVIORAL SCIENCES Introduction to Behavioral Sciences SENA YENEL ONLINE	MEDICAL EDUCATION Basic principles and teaching models in medical education TUMAY SADIKOGLU	INDEPENDENT LEARNING
14:50--15:35	INDEPENDENT LEARNING	MEDICAL TERMINOLOGY BULENT OZDEMIR R304	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL EDUCATION How do we learn? Strategies for adult learning TARIF BAKDASH ONLINE	MEDICAL HISTORY THE MEDICAL PRACTITIONER IN HISTORY NIL SARI ONLINE	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL EDUCATION How do we learn? Strategies for adult learning TARIF BAKDASH ONLINE	MEDICAL HISTORY PHILOSOPHICAL BASES OF MEDICINE NIL SARI ONLINE	ONLINE LANGUAGE COURSE (GERMAN)
<b>COMMITTEE I INTRODUCTION TO MEDICAL EDUCATION (EMS 101) WEEK-II</b>					
Oct. 11-15, 2021	11.10.2021 MONDAY	12.10.2021 TUESDAY	13.10.2021 WEDNESDAY	14.10.2021 THURSDAY	15.10.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
9:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	BEHAVIORAL SCIENCES DERS EKLENDİ SENA YENEL ONLINE	INDEPENDENT LEARNING
11:15-12:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	BEHAVIORAL SCIENCES DERS EKLENDİ SENA YENEL ONLINE	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	ICP Patient-doctor interview and taking medical history TUMAY SADIKOGLU	MEDICAL TERMINOLOGY ONLINE BULENT OZDEMIR	BEHAVIORAL SCIENCES Perception, emotion, and cognitive functions SENA YENEL ONLINE	MEDICAL HISTORY OVERVIEW OF HUMAN ANATOMY IN HISTORY NIL SARI ONLINE	

13:55-14:40	ICP Patient-doctor interview and taking medical history TUMAY SADIKOGLU	MEDICAL TERMINOLOGY ONLINE BULENT OZDEMIR	BEHAVIORAL SCIENCES Memory and Learning SENA YENEL ONLINE	MEDICAL HISTORY OVERVIEW OF THE FUNCTION OF ORGANS IN HISTORY NIL SARI ONLINE	MEDICAL HISTORY ETIOLOGY OF DISEASE AND METHODS USED IN DIAGNOSIS BEFORE THE SCIENTIFIC ERA NIL SARI ONLINE
14:50--15:35	INTRODUCTION TO PHYSIOLOGY HASAN SERDAR GERGERLIOGLU	INTRODUCTION TO PHARMACOLOGY EDUCATION ZELIHA YAZICI	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL HISTORY AMPIRICAL METHODS OF TREATMENT NIL SARI ONLINE
15:45-16:30	INTRODUCTION TO HISTOLOGY NAZLI ECE ORDUERI	INDEPENDENT LEARNING	MEDICAL HUMANITIES The doctor-patient relationship TARIF BAKDASH ONLINE	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INTRODUCTION TO MEDICAL BIOLOGY AND GENETICS GUVEN YENMIS	INDEPENDENT LEARNING	MEDICAL HUMANITIES The doctor-patient relationship TARIF BAKDASH ONLINE	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>COMMITTEE I INTRODUCTION TO MEDICAL EDUCATION (EMS 101) WEEK-III</b>					
Oct. 18-22, 2021	18.10.2021 MONDAY	19.10.2021 TUESDAY	20.10.2021 WEDNESDAY	21.10.2021 THURSDAY	22.10.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
9:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
11:15-12:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	INTRODUCTION TO PATHOLOGY DILEK SEMA ARICI / DUYGU APA	MEDICAL HISTORY STRUGGLE AGAINST INFECTIOUS EPIDEMIC DISEASES IN HISTORY NIL SARI ONLINE	COMMUNICATION SKILLS What is communication SENA YENEL ONLINE	INDEPENDENT LEARNING	
13:55-14:40	INTRODUCTION TO MICROBIOLOGY M. DERYA AYDIN	MEDICAL HISTORY DEVELOPMENT OF MEDICAL MEASUREMENT AND INSTRUMENTS NIL SARI ONLINE	COMMUNICATION SKILLS Empathy SENA YENEL ONLINE	INDEPENDENT LEARNING	MEDICAL HISTORY DEVELOPMENT OF SURGICAL TOOLS AND OPERATIONS NIL SARI ONLINE
14:50--15:35	ICP Patient-doctor interview and taking medical history (2) - (video) TUMAY SADIKOGLU R304	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL HISTORY MEDICAL EXPERIMENTATION AND EVOLUTION OF EVIDENCE BASED MEDICINE NIL SARI ONLINE



15:45-16:30	ICP Patient-doctor interview and taking medical history (2) - (video) TUMAY SADIKOGLU R304	INDEPENDENT LEARNING	MEDICAL HUMANITIES Goals of medicine TARIF BAKDASH ONLINE	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INTRODUCTION TO BIOCHEMISTRY AHMET BELCE	INDEPENDENT LEARNING	MEDICAL HUMANITIES Goals of medicine TARIF BAKDASH ONLINE	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

**COMMITTEE I INTRODUCTION TO MEDICAL EDUCATION (EMS 101) WEEK-IV**

Oct. 25-29, 2021	25.10.2021 MONDAY	26.10.2021 TUESDAY	27.10.2021 WEDNESDAY	28.10.2021 THURSDAY	29.10.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	OSCE EXAM HISTORY TAKING TIME: 10:00	INDEPENDENT LEARNING	COMMITTEE EXAM	NATIONAL HOLIDAY
9:25-10:10	INDEPENDENT LEARNING		INDEPENDENT LEARNING		
10:20-11:05	INDEPENDENT LEARNING		INDEPENDENT LEARNING		
11:15-12:00	INDEPENDENT LEARNING		INDEPENDENT LEARNING		
LUNCH BREAK	INDEPENDENT LEARNING		INDEPENDENT LEARNING		
13:00-13:45	INDEPENDENT LEARNING		INDEPENDENT LEARNING		
13:55-14:40	INDEPENDENT LEARNING		INDEPENDENT LEARNING		
14:50-15:35	INDEPENDENT LEARNING		INDEPENDENT LEARNING		
15:45-16:30	INDEPENDENT LEARNING		INDEPENDENT LEARNING		

**BIRUNI ENGLISH MEDICAL SCHOOL- AIM AND LEARNING OBJECTIVES OF PHASE I**

**AIM**

Students will gain an appreciation of the role of a futuristic physician with a system based educational approach incorporating clinical and basic sciences, encouraging them to meet patients and start learning medical terminology from the first day.

**LEARNING OBJECTIVES**

At the end of phase I, the students will be able to;

- explain the basic terms and concepts of medical informatics and biostatistics, medical biology and genetics, medical history and ethics, medical biochemistry, anatomy, biophysics, medical pharmacology, physiology, histology and embryology, medical pathology and medical microbiology.
- appraise and recognize the holistic approach of a futuristic physician by combining their knowledge in medical education and medical humanities.
- apply the basic clinical skills in simulated environments and real clinical settings.
- demonstrate the communication skills required to be a competent physician.
- practice the history taking and patient- doctor interview.
- define the basic and clinical aspects of musculoskeletal system.
- apply their knowledge with relevant clinical cases.
- define the basic steps of a research study.
- analyse the clinical cases in problem-based learning sessions and demonstrate the skills on problem solving and critical thinking.
- demonstrate the skills in teamwork and evidence-based research.
- develop the self-discipline that will help them to learn independently.
- practice TUS and USMLE questions.

**COMMITTEE II - PHASE I - MEDICAL SCIENCES I (EMS 102) - DISTRIBUTION of LECTURE HOURS - November 01, 2019 – Dec 10, 2021 (6 WEEKS)**

LECTURES	FACULTY	THEO.	PRAC.	TOTAL
MEDICAL INFORMATICS and BIOSTATISTICS	YUSUF CELIK, PhD, Prof.	10	0	10
MEDICAL HUMANITIES	TARIF BAKDASH, MD, Prof.	6	0	6

	MEDICAL BIOCHEMISTRY	AHMET BELCE, PhD, Prof.	18	0	18
	ANATOMY	AHMET SINAV, MD, Prof.	20	18	38
	PHYSIOLOGY	HASAN SERDAR GERGERLIOGLU, MD, Prof.	7	0	7
	INTRODUCTION TO CLINICAL PRACTICE	TUMAY SADIKOGLU, MD, Assist. Prof.	5	0	5
	HISTOLOGY & EMBRYOLOGY	NAZLI ECE ORDUERI, PhD, Assoc. Prof.	8	2	10
	MEDICAL BIOLOGY	GUVEN YENMIS, PhD, Assist. Prof.	18	3	21
	BIOPHYSICS	DEMET ERDAG, Lecturer	10	0	10
	TOTAL		102	23	125
CLASSROOMS: FACE TO FACE CLASSES: REYHAN CONFERENCE HALL. PLEASE CHECK THE CLASSES WHICH WILL BE HELD ONLINE OR AT R304.					
<b>COMMITTEE II MEDICAL SCIENCES I - WEEK-I</b>					
<b>Nov. 1 - 5, 2021</b>	1.11.2021 MONDAY	2.11.2021 TUESDAY	3.11.2021 WEDNESDAY	4.11.2021 THURSDAY	5.11.2021 FRIDAY
08:30-09:15	ANATOMY Introduction to osteology AHMET SINAV	ANATOMY Thorax AHMET SINAV	ANATOMY Vertebral column & Throat LAB AHMET SINAV GROUP II	INDEPENDENT LEARNING	BIOPHYSICS Introduction to Biophysics DEMET ERDAG
9:25-10:10	ANATOMY Introduction to osteology AHMET SINAV	ANATOMY Thorax AHMET SINAV	ANATOMY Vertebral column & Throat LAB AHMET SINAV GROUP II	INDEPENDENT LEARNING	BIOPHYSICS Introduction to Biophysics DEMET ERDAG
10:20-11:05	ANATOMY Vertebral column AHMET SINAV	ANATOMY Vertebral column & Throat LAB AHMET SINAV GROUP I	ANATOMY Vertebral column & Throat LAB AHMET SINAV GROUP III	HISTOLOGY & EMBRYOLOGY Introduction to Histology NAZLI ECE ORDUERI	BIOSTATISTICS Research process and analysis YUSUF CELIK
11:15-12:00	ANATOMY Vertebral column AHMET SINAV	ANATOMY Vertebral column & Throat LAB AHMET SINAV GROUP I	ANATOMY Vertebral column & Throat LAB AHMET SINAV GROUP III	HISTOLOGY & EMBRYOLOGY Terminology of Histology NAZLI ECE ORDUERI	BIOSTATISTICS Research process and analysis YUSUF CELIK
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	INDEPENDENT LEARNING	MEDICAL BIOLOGY The general characteristics of the cells- Prokaryotic&eukaryotic cells GUVEN YENMIS R304	INDEPENDENT LEARNING	BIOCHEMISTRY Amino acids - I : Structural, Properties, Classification AHMET BELCE R304	
13:55-14:40	INDEPENDENT LEARNING	MEDICAL BIOLOGY The general characteristics of the cells- Prokaryotic&eukaryotic cells GUVEN YENMIS R304	BIOCHEMISTRY Water, Acid-Base and Buffer Solutions AHMET BELCE ONLINE	BIOCHEMISTRY Amino acids - II : Acid-Base and Buffer Properties AHMET BELCE R304	INDEPENDENT LEARNING
14:50-15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	BIOCHEMISTRY Water, Acid-Base and Buffer Solutions AHMET BELCE ONLINE	BIOCHEMISTRY Amino acids - II : Acid-Base and Buffer Properties AHMET BELCE R304	INDEPENDENT LEARNING

15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL HUMANITIES Religion and Bioethics TARIF BAKDASH ONLINE	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL HUMANITIES Religion and Bioethics TARIF BAKDASH ONLINE	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>COMMITTEE II MEDICAL SCIENCES I</b>					
<b>WEEK-II</b>					
<b>Nov. 8 - 12, 2020</b>	8.11.2021 MONDAY	9.11.2021 TUESDAY	10.11.2021 WEDNESDAY	11.11.2021 THURSDAY	12.11.2021 FRIDAY
08:30-09:15	ANATOMY Neurocranium AHMET SINAV	ANATOMY Neurocranium & Viscerocranium LAB AHMET SINAV GROUP I	ANATOMY Neurocranium & Viscerocranium LAB AHMET SINAV GROUP II	MEDICAL BIOLOGY The structure and functions of the cell membrane GUVEN YENMIS R304	HISTOLOGY & EMBRYOLOGY Embryology and Clinical Approaches NAZLI ECE ORDUERI
9:25-10:10	ANATOMY Neurocranium AHMET SINAV	ANATOMY Neurocranium & Viscerocranium LAB AHMET SINAV GROUP I	ANATOMY Neurocranium & Viscerocranium LAB AHMET SINAV GROUP II	MEDICAL BIOLOGY The structure and functions of the cell membrane GUVEN YENMIS R304	HISTOLOGY & EMBRYOLOGY Histological Techniques: Tissue Preparation NAZLI ECE ORDUERI
10:20-11:05	ANATOMY Viscerocranium AHMET SINAV	BIOPHYSICS Molecular structure of living systems DEMET ERDAG	ANATOMY Neurocranium & Viscerocranium LAB AHMET SINAV GROUP III	HISTOLOGY & EMBRYOLOGY Terminology of Embryology NAZLI ECE ORDUERI	BIostatISTICS Descriptive statistics and probability in the medical literature YUSUF CELIK
11:15-12:00	ANATOMY Viscerocranium AHMET SINAV	BIOPHYSICS Molecular structure of living systems DEMET ERDAG	ANATOMY Neurocranium & Viscerocranium LAB AHMET SINAV GROUP III	HISTOLOGY & EMBRYOLOGY Histology and Clinical Approaches NAZLI ECE ORDUERI	BIostatISTICS Descriptive statistics and probability in the medical literature YUSUF CELIK
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	INDEPENDENT LEARNING	PHYSIOLOGY Body fluid compartments and homeostasis HASAN SERDAR GEREGLIOGLU R304	INDEPENDENT LEARNING	BIOCHEMISTRY Proteins : Structure and properties of peptides and proteins AHMET BELCE R304	
13:55-14:40	INDEPENDENT LEARNING	PHYSIOLOGY Body's control systems HASAN SERDAR GERGERLIOGLU R304	ICP Teamwork in medicine TUMAY SADIKOGLU ONLINE	BIOCHEMISTRY Proteins : Structure and properties of peptides and proteins AHMET BELCE R304	
14:50--15:35	INDEPENDENT LEARNING	MEDICAL BIOLOGY The Cell Investigation Methods GUVEN YENMIS R304	ICP Teamwork in medicine TUMAY SADIKOGLU ONLINE	INDEPENDENT LEARNING	INDEPENDENT LEARNING

15:45-16:30	INDEPENDENT LEARNING	MEDICAL BIOLOGY The Cell Investigation Methods GUVEN YENMIS R304	MEDICAL HUMANITIES Studying Medicine TARIF BAKDASH ONLINE	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL HUMANITIES Studying Medicine TARIF BAKDASH ONLINE	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>COMMITTEE II MEDICAL SCIENCES I WEEK-III</b>					
Nov. 15-19, 2021	15.11.2021 MONDAY	16.11.2021 TUESDAY	17.11.2021 WEDNESDAY	18.11.2021 THURSDAY	19.11.2021 FRIDAY
08:30-09:15	ANATOMY Skull overview AHMET SINAV	ANATOMY Skull overview & Upper extremity bones LAB AHMET SINAV GROUP I	ANATOMY Skull overview & Upper extremity bones LAB AHMET SINAV GROUP III	INDEPENDENT LEARNING	BIOPHYSICS Radioactivity DEMET ERDAG
9:25-10:10	ANATOMY Skull overview AHMET SINAV	ANATOMY Skull overview & Upper extremity bones LAB AHMET SINAV GROUP I	ANATOMY Skull overview & Upper extremity bones LAB AHMET SINAV GROUP III	INDEPENDENT LEARNING	BIOPHYSICS Radioactivity DEMET ERDAG
10:20-11:05	ANATOMY Upper extremity bones AHMET SINAV	ANATOMY Skull overview & Upper extremity bones LAB AHMET SINAV GROUP II	HISTOLOGY & EMBRYOLOGY Histological Techniques: Dyes NAZLI ECE ORDUERI LAB GROUP 1	INDEPENDENT LEARNING	BIOSTATISTICS Population distributions, sample size and sampling methods for research YUSUF CELIK
11:15-12:00	ANATOMY Upper extremity bones AHMET SINAV	ANATOMY Skull overview & Upper extremity bones LAB AHMET SINAV GROUP II	HISTOLOGY & EMBRYOLOGY Types of Microscopes NAZLI ECE ORDUERI GROUP 2	INDEPENDENT LEARNING	BIOSTATISTICS Population distributions, sample size and sampling methods for research YUSUF CELIK
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	INDEPENDENT LEARNING	MEDICAL BIOLOGY Cell organization and polarity GUVEN YENMIS R304	HISTOLOGY & EMBRYOLOGY Microscope-Tissue preparation-dyes LAB NAZLI ECE ORDUERI GROUP 3	PHYSIOLOGY Cell membrane and its functions HASAN SERDAR GERGERLIOGLU R304	
13:55-14:40	INDEPENDENT LEARNING	MEDICAL BIOLOGY The Structure, Function, and Biosynthesis of The Ribosome GUVEN YENMIS R304	HISTOLOGY & EMBRYOLOGY Microscope-Tissue preparation-dyes LAB NAZLI ECE ORDUERI GROUP 4	PHYSIOLOGY Cell membrane and its functions HASAN SERDAR GERGERLIOGLU R304	INDEPENDENT LEARNING

14:50-- 15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY Intercellular communication HASAN SERDAR GERGERLIOGLU R304	INDEPENDENT LEARNING
15:45- 16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL HUMANITIES Suffering and Hope TARIF BAKDASH ONLINE	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40- 17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL HUMANITIES Suffering and Hope TARIF BAKDASH ONLINE	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>COMMITTEE II MEDICAL SCIENCES I</b> <b>WEEK- IV</b>					
<b>Nov. 22- 26, 2021</b>	22.11.2021 MONDAY	23.11.2021 TUESDAY	24.11.2021 WEDNESDAY	25.11.2021 THURSDAY	26.11.2021 FRIDAY
08:30- 09:15	ANATOMY Upper extremity bones AHMET SINAV	ANATOMY Upper extremity bones & Lower extremity bones LAB GROUP I AHMET SINAV	ANATOMY Upper extremity bones & Lower extremity bones LAB GROUP III AHMET SINAV	INDEPENDENT LEARNING	PHYSIOLOGY Membrane resting potentials and action potentials HASAN SERDAR GERGERLIOGLU
9:25- 10:10	ANATOMY Upper extremity bones AHMET SINAV	ANATOMY Upper extremity bones & Lower extremity bones LAB GROUP I AHMET SINAV	ANATOMY Upper extremity bones & Lower extremity bones LAB GROUP III AHMET SINAV	INDEPENDENT LEARNING	PHYSIOLOGY Membrane resting potentials and action potentials HASAN SERDAR GERGERLIOGLU
10:20- 11:05	ANATOMY Lower extremity bones AHMET SINAV	ANATOMY Upper extremity bones & Lower extremity bones LAB GROUP II AHMET SINAV	BIOCHEMISTRY Proteins : Classification of proteins AHMET BELCE	INDEPENDENT LEARNING	BIostatISTICS Hypothesis tests used in medical research YUSUF CELIK
11:15- 12:00	ANATOMY Lower extremity bones AHMET SINAV	ANATOMY Upper extremity bones & Lower extremity bones LAB GROUP II AHMET SINAV	BIOCHEMISTRY Carbohydrates - I: Structure and Classification AHMET BELCE	INDEPENDENT LEARNING	BIostatISTICS Hypothesis tests used in medical research YUSUF CELIK
<b>LUNCH BREAK</b>	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00- 13:45	MEDICAL BIOLOGY Mitochondria and Mitochondrial DNA GUVEN YENMIS R304	MEDICAL BIOLOGY The Structure and Functions of the Endoplasmic Reticulum GUVEN YENMIS R304	INDEPENDENT LEARNING	BIOCHEMISTRY Carbohydrates - II: Monosaccharides, Glycosides, Oligosaccharides, Polysaccharides AHMET BELCE R304	

13:55-14:40	MEDICAL BIOLOGY Mitochondria and Mitochondrial DNA GUVEN YENMIS R304	MEDICAL BIOLOGY The Structure and Functions of the Endoplasmic Reticulum GUVEN YENMIS R304	INDEPENDENT LEARNING	BIOCHEMISTRY Polysaccharides and Glycoproteins, Proetoglycans, Mucopolysaccharides AHMET BELCE R304	BIOCHEMISTRY Lipids: Structural Features and Classification AHMET BELCE R304
14:50--15:35	INDEPENDENT LEARNING	BIOPHYSICS Radiation Biophysics DEMET ERDAG	INDEPENDENT LEARNING	BIOCHEMISTRY Polysaccharides and Glycoproteins, Proetoglycans, Mucopolysaccharides AHMET BELCE R304	BIOCHEMISTRY Lipids: Fatty Acids, Triacylglycerol, Phospholipids, Glycolipids AHMET BELCE R304
15:45-16:30	INDEPENDENT LEARNING	BIOPHYSICS Radiation Biophysics DEMET ERDAG	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>COMMITTEE II MEDICAL SCIENCES I WEEK- V</b>					
Nov 29 - Dec 3, 2021	29.11.2021 MONDAY	30.11.2021 TUESDAY	1.12.2021 WEDNESDAY	2.12.2021 THURSDAY	3.12.2021 FRIDAY
08:30-09:15	ANATOMY Lower extremity bones AHMET SINAV	ANATOMY Lower extremity bones LAB GROUP II AHMET SINAV	BIOCHEMISTRY Lipids: Isoprene Derived Lipids: Polyprenoids, Steroids AHMET BELCE R304	INDEPENDENT LEARNING	BIOCHEMISTRY Lipids: Plasma Lipoproteins AHMET BELCE
9:25-10:10	ANATOMY Lower extremity bones AHMET SINAV	ANATOMY Lower extremity bones LAB GROUP II AHMET SINAV	BIOCHEMISTRY Lipids: Plasma Lipoproteins AHMET BELCE R304	INDEPENDENT LEARNING	BIOCHEMISTRY Nucleotides and Nucleic Acids: Structure and Functions AHMET BELCE
10:20-11:05	ANATOMY Lower extremity bones LAB GROUP I AHMET SINAV	ANATOMY Lower extremity bones LAB GROUP III AHMET SINAV	ICP Effective presentation skills TUMAY SADIKOGLU STUDENT PRESEANTATIONS	MEDICAL BIOLOGY The Phagocytosis, Pinocytosis, and Receptor- Mediated Endocytosis GUVEN YENMIS R304	BIostatISTICS Student's t test in various designs of medical data YUSUF CELIK
11:15-12:00	ANATOMY Lower extremity bones LAB GROUP I AHMET SINAV	ANATOMY Lower extremity bones LAB GROUP III AHMET SINAV	ICP Effective presentation skills TUMAY SADIKOGLU STUDENT PRESEANTATIONS	MEDICAL BIOLOGY The Phagocytosis, Pinocytosis, and Receptor- Mediated Endocytosis GUVEN YENMIS R304	BIostatISTICS Student's t test in various designs of medical data YUSUF CELIK
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK

13:00-13:45	BIOCHEMISTRY Safety and Laboratory Tools and Equipments in Biochemistry Laboratory AHMET BELCE LAB GROUP I	INDEPENDENT LEARNING	MEDICAL BIOLOGY The lysosome and proteosome GUVEN YENMIS R304	MEDICAL BIOLOGY The examination of the Cell GUVEN YENMIS LAB- Group 1	
13:55-14:40	BIOCHEMISTRY Safety and Laboratory Tools and Equipments in Biochemistry Laboratory AHMET BELCE LAB GROUP II	INDEPENDENT LEARNING	MEDICAL BIOLOGY The lysosome and proteosome GUVEN YENMIS R304	MEDICAL BIOLOGY The examination of the Cell GUVEN YENMIS LAB - Group 2	INDEPENDENT LEARNING
14:50--15:35	BIOCHEMISTRY Safety and Laboratory Tools and Equipments in Biochemistry Laboratory AHMET BELCE LAB GROUP III	BIOPHYSICS Introduction to Bioenergetics DEMET ERDAG	INDEPENDENT LEARNING	MEDICAL BIOLOGY The examination of the Cell GUVEN YENMIS LAB- Group 3	INDEPENDENT LEARNING
15:45-16:30	MEDICAL BIOLOGY The Golgi complex and the mechanisms of protein sorting GUVEN YENMIS R304	BIOPHYSICS Introduction to Bioenergetics DEMET ERDAG	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	MEDICAL BIOLOGY The Golgi complex and the mechanisms of protein sorting GUVEN YENMIS R304	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

**COMMITTEE II MEDICAL SCIENCES I  
WEEK- VI**

Dec. 6 - 10, 2020	6.12.2021 MONDAY	7.12.2021 TUESDAY	8.12.2021 WEDNESDAY	9.12.2021 THURSDAY	10.12.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	COMMITTEE EXAM
9:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
10:20-11:05	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
11:15-12:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
LUNCH BREAK	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
13:00-13:45	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
13:55-14:40	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
11:50--15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	

**BİRÜNİ ENGLISH MEDICAL SCHOOL - AIM AND LEARNING OBJECTIVES OF PHASE I**

**AIM**

Students will gain an appreciation of the role of a futuristic physician with a system based educational approach incorporating clinical and basic sciences, encouraging them to meet patients and start learning medical terminology from the first day.

**LEARNING OBJECTIVES**

At the end of phase I, the students will be able to;

- explain the basic terms and concepts of medical informatics and biostatistics, medical biology and genetics, medical history and ethics, medical biochemistry, anatomy, biophysics, medical pharmacology, physiology, histology and embryology, medical pathology and medical microbiology.
- appraise and recognize the holistic approach of a futuristic physician by combining their knowledge in medical education and medical humanities.
- apply the basic clinical skills in simulated environments and real clinical settings.
- demonstrate the communication skills required to be a competent physician.
- practice the history taking and patient- doctor interview.
- define the basic and clinical aspects of musculoskeletal system.
- apply their knowledge with relevant clinical cases.
- define the basic steps of a research study.
- analyse the clinical cases in problem-based learning sessions and demonstrate the skills on problem solving and critical thinking.
- demonstrate the skills in teamwork and evidence-based research.
- develop the self-discipline that will help them to learn independently.
- practice TUS and USMLE questions.

**COMMITTEE III - PHASE I - MEDICAL SCIENCES - (EMS 103)-DISTRIBUTION of LECTURE HOURS - Dec. 13, 2021- Jan. 21, 2022 (6 WEEKS)**

LECTURES	FACULTY	THEO.	PRAC.	TOTAL
MEDICAL INFORMATICS and BIOSTATISTICS	YUSUF CELIK, PhD, Prof.	10	0	10
MEDICAL BIOCHEMISTRY	AHMET BELCE, PhD, Prof.	9	0	9
MICROBIOLOGY	M. DERYA AYDIN, MD, Prof. / YAĞMUR EKENOĞLU MERDAN , PhD Assist. Prof.	12	6	18
ANATOMY	AHMET SINAV, MD, Prof.	16	14	30
PHYSIOLOGY	HASAN SERDAR GERGERLIOGLU, MD, Prof.	14	0	14
PBL	TUMAY SADIKOGLU, MD, Assist. Prof.	5	0	5
INTRODUCTION TO CLINICAL PRACTICE	TUMAY SADIKOGLU, MD, Assist. Prof.	2	0	2
USMLE	TUMAY SADIKOGLU, MD, Assist. Prof.	2	0	2
HISTOLOGY & EMBRYOLOGY	NAZLI ECE ORDUERI, PhD, Assoc. Prof.	15	7	22
MEDICAL BIOLOGY	GUVEN YENMIS, PhD, Assist. Prof.	14	3	15
BIOPHYSICS	DEMET ERDAG, Lecturer	10	0	10
TOTAL		109	30	137

CLASSROOMS: FACE TO FACE CLASSES: R304 - PLEASE CHECK THE CLASSES WHICH WILL BE HELD ONLINE

**COMMITTEE III- MEDICAL SCIENCES II - WEEK I**

Dec. 13-17, 2021	13.12.2021 MONDAY	14.12.2021 TUESDAY	15.12.2021 WEDNESDAY	16.12.2021 THURSDAY	17.12.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	BIOPHYSICS Thermodynamics DEMET ERDAG R304	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY Heart and Circulatory System Physiology HASAN SERDAR GERGERLIOGLU R304
9:25-10:10	INDEPENDENT LEARNING	BIOPHYSICS Thermodynamics DEMET ERDAG R304	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY Heart and Circulatory System Physiology HASAN SERDAR GERGERLIOGLU R304



10:20-11:05	MICROBIOLOGY Introduction to bacteriology M.DERYA AYDIN R304	MICROBIOLOGY Introduction to virology M.DERYA AYDIN R304	BIOCHEMISTRY Vitamins - I: General properties AHMET BELCE ONLINE	MEDICAL BIOLOGY The Cell Skeleton - I: Microtubule Structure, Dynamics, and Role in Intracellular Transport GUVEN YENMIS	MICROBIOLOGY Introduction to mycology M.DERYA AYDIN R304
11:15-12:00	MICROBIOLOGY Introduction to bacteriology M.DERYA AYDIN R304	MICROBIOLOGY Introduction to virology M.DERYA AYDIN R304	BIOCHEMISTRY Vitamins - II:Lipid-soluble vitamins AHMET BELCE ONLINE	MEDICAL BIOLOGY The Cell Skeleton - I: Microtubule Structure, Dynamics, and Role in Intracellular Transport GUVEN YENMIS	MICROBIOLOGY Introduction to parasitology M.DERYA AYDIN R304
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	ANATOMY Introduction to arthrology AHMET SINAV	ANATOMY Joints of vertebral column AHMET SINAV	HISTOLOGY & EMBRYOLOGY Epithelial Tissue NAZLI ECE ORDUERI	BIostatISTICS Student's t test in various designs of medical data YUSUF CELIK	
13:55-14:40	ANATOMY Introduction to arthrology AHMET SINAV	ANATOMY Joints of vertebral column AHMET SINAV	HISTOLOGY & EMBRYOLOGY Epithelial Tissue NAZLI ECE ORDUERI	BIostatISTICS Student's t test in various designs of medical data YUSUF CELIK	MICROBIOLOGY Host- microbe interaction M.DERYA AYDIN R304
14:50--15:35	HISTOLOGY & EMBRYOLOGY Introduction to Histology NAZLI ECE ORDUERI	ANATOMY Joints of vertebral column AHMET SINAV LAB GROUP I	HISTOLOGY & EMBRYOLOGY Glandular Epithelium NAZLI ECE ORDUERI	PHYSIOLOGY Composition of blood and functions HASAN SERDAR GERGERLIOGLU	MICROBIOLOGY Virulence factors of microorganisms M.DERYA AYDIN R304
15:45-16:30	INDEPENDENT LEARNING	ANATOMY Joints of vertebral column AHMET SINAV LAB GROUP II	HISTOLOGY & EMBRYOLOGY Epithelium-gland NAZLI ECE ORDUERI LAB GROUP I	PHYSIOLOGY Composition of blood and functions HASAN SERDAR GERGERLIOGLU	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY Epithelium-gland NAZLI ECE ORDUERI LAB GROUP I	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>COMMITTEE III- MEDICAL SCIENCES II - WEEK II</b>					
Dec. 20-24, 2021	20.12.2021 MONDAY	21.12.2021 TUESDAY	22.12.2021 WEDNESDAY	23.12.2021 THURSDAY	24.12.2021 FRIDAY
08:30-09:15	HISTOLOGY & EMBRYOLOGY Epithelium-gland NAZLI ECE ORDUERI LAB GROUP II	BIOPHYSICS Biological processes (Biosynthesis, muscle contraction, active conduction) DEMET ERDAG	INDEPENDENT LEARNING	BIOCHEMISTRY Vitamins III: Water soluble vitamins AHMET BELCE	PHYSIOLOGY Digestive System Physiology HASAN SERDAR GERGERLIOGLU ONLINE

9:25-10:10	HISTOLOGY & EMBRYOLOGY Epithelium-gland NAZLI ECE ORDUERI LAB GROUP II	BIOPHYSICS Biological processes (Biosynthesis, muscle contraction, active conduction) DEMET ERDAG	INDEPENDENT LEARNING	BIOCHEMISTRY Vitamins IV: Water soluble vitamins AHMET BELCE	PHYSIOLOGY Digestive System Physiology HASAN SERDAR GERGERLIOGLU ONLINE
10:20-11:05	INDEPENDENT LEARNING	MEDICAL BIOLOGY The Cell Skeleton II- Microfilaments, intermediate filaments GUVEN YENMIS R304	HISTOLOGY & EMBRYOLOGY Connective Tissue NAZLI ECE ORDUERI ONLINE	MEDICAL BIOLOGY The Membrane Differentiation: Microvilli, Cilia, Flagella GUVEN YENMIS R304	INDEPENDENT LEARNING
11:15-12:00	INDEPENDENT LEARNING	MEDICAL BIOLOGY The Cell Skeleton II- Microfilaments, intermediate filaments GUVEN YENMIS R304	HISTOLOGY & EMBRYOLOGY Connective Tissue NAZLI ECE ORDUERI ONLINE	MEDICAL BIOLOGY The Membrane Differentiation: Microvilli, Cilia, Flagella GUVEN YENMIS R304	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	ANATOMY Joints of thorax AHMET SINAV	ANATOMY Joints of skull AHMET SINAV	INDEPENDENT LEARNING	BIostatistics Analysis of Variance (ANOVA) and Multiple Comparison (Post-Hoc Tests) YUSUF CELIK	
13:55-14:40	ANATOMY Joints of thorax AHMET SINAV	ANATOMY Joints of skull AHMET SINAV	INDEPENDENT LEARNING	BIostatistics Analysis of Variance (ANOVA) and Multiple Comparison (Post-Hoc Tests) YUSUF CELIK	INDEPENDENT LEARNING
14:50--15:35	ANATOMY Joints of thorax AHMET SINAV LAB	ANATOMY Joints of skull AHMET SINAV LAB GROUP I	INDEPENDENT LEARNING	PHYSIOLOGY Respiratory System Physiology HASAN SERDAR GERGERLIOGLU	INDEPENDENT LEARNING
15:45-16:30	ANATOMY Joints of thorax AHMET SINAV LAB	ANATOMY Joints of skull AHMET SINAV LAB GROUP II	INDEPENDENT LEARNING	PHYSIOLOGY Respiratory System Physiology HASAN SERDAR GERGERLIOGLU	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>COMMITTEE III- MEDICAL SCIENCES II - WEEK III</b>					
Dec. 27-31, 2021	27.12.2021 MONDAY	28.12.2021 TUESDAY	29.12.2021 WEDNESDAY	30.12.2021 THURSDAY	31.12.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	BIOPHYSICS Biological processes (Biosynthesis, muscle contraction, active conduction) DEMET ERDAG ONLINE	HISTOLOGY & EMBRYOLOGY Connective Tissue NAZLI ECE ORDUERI LAB GROUP I	HISTOLOGY & EMBRYOLOGY Connective Tissue NAZLI ECE ORDUERI LAB GROUP II	INDEPENDENT LEARNING



COMMITTEE III- MEDICAL SCIENCES II - WEEK IV					
Jan. 3 - 7, 2022	3.1.2022 MONDAY	4.1.2022 TUESDAY	5.1.2022 WEDNESDAY	6.1.2022 THURSDAY	7.1.2022 FRIDAY
08:30-09:15	HISTOLOGY & EMBRYOLOGY Blood tissue+ Cartilage+ Bone NAZLI ECE ORDUERI LAB GROUP I	BIOCHEMISTRY Enzymes I-II: General properties, basis of enzymatic activity, mechanisms of action of enzymes AHMET BELCE R304	HISTOLOGY & EMBRYOLOGY Connective Tissue NAZLI ECE ORDUERI LAB GROUP III	INDEPENDENT LEARNING	INDEPENDENT LEARNING
9:25-10:10	HISTOLOGY & EMBRYOLOGY Blood tissue+ Cartilage+ Bone NAZLI ECE ORDUERI LAB GROUP I	BIOCHEMISTRY Enzymes III-IV: Enzyme kinetics, enzyme inhibition, regulation of enzyme activity AHMET BELCE R304	HISTOLOGY & EMBRYOLOGY Connective Tissue NAZLI ECE ORDUERI LAB GROUP III	PBL TUMAY SADIKOGLU SESSION II GROUP 1 R304	INDEPENDENT LEARNING
10:20-11:05	HISTOLOGY & EMBRYOLOGY Blood tissue+ Cartilage+ Bone NAZLI ECE ORDUERI LAB GROUP II	MEDICAL BIOLOGY The Cell Adhesion Molecules, Tight, Anchoring and Gap Junctions GUVEN YENMIS	BIOPHYSICS Bioenergetics of membranes transmission. DEMET ERDAG	PBL TUMAY SADIKOGLU SESSION II GROUP 2 R304	MICROBIOLOGY Microbial metabolism M.DERYA AYDIN R304
11:15-12:00	HISTOLOGY & EMBRYOLOGY Blood tissue+ Cartilage+ Bone NAZLI ECE ORDUERI LAB GROUP II	MEDICAL BIOLOGY The Cell Adhesion Molecules, Tight, Anchoring and Gap Junctions GUVEN YENMIS	BIOPHYSICS Bioenergetics of membranes transmission. DEMET ERDAG	PBL TUMAY SADIKOGLU SESSION II GROUP 3 R304	MICROBIOLOGY Microbial genetics M.DERYA AYDIN R304
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	ANATOMY Lower extremity joints AHMET SINAV	ANATOMY Lower extremity joints AHMET SINAV LAB GROUP I	HISTOLOGY & EMBRYOLOGY Blood tissue+ Cartilage+ Bone NAZLI ECE ORDUERI LAB GROUP III	BIostatISTICS Khi-Square Analysis and Survival Analysis YUSUF CELIK	
13:55-14:40	ANATOMY Lower extremity joints AHMET SINAV	ANATOMY Lower extremity joints AHMET SINAV LAB GROUP I	HISTOLOGY & EMBRYOLOGY Blood tissue+ Cartilage+ Bone NAZLI ECE ORDUERI LAB GROUP III	BIostatISTICS Khi-Square Analysis and Survival Analysis YUSUF CELIK	PHYSIOLOGY Nervous System Physiology HASAN SERDAR GERGERLIOGLU
14:50--15:35	ANATOMY Lower extremity joints AHMET SINAV	ANATOMY Lower extremity joints AHMET SINAV LAB GROUP II	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY Nervous System Physiology HASAN SERDAR GERGERLIOGLU
15:45-16:30	ANATOMY Lower extremity joints AHMET SINAV	ANATOMY Lower extremity joints AHMET SINAV LAB GROUP II	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

COMMITTEE III- MEDICAL SCIENCES II - WEEK V					
Jan 10-14, 2022	10.1.2022 MONDAY	11.1.2022 TUESDAY	12.1.2022 WEDNESDAY	13.1.2022 THURSDAY	14.1.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	BIOPHYSICS Membrane and Action Potentials DEMET ERDAG ONLINE
9:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY Muscle Tissue - Nerve Tissue NAZLI ECE ORDUERI LAB GROUP-I	INDEPENDENT LEARNING	BIOPHYSICS Membrane and Action Potentials DEMET ERDAG ONLINE
10:20-11:05	HISTOLOGY & EMBRYOLOGY Muscle Tissue NAZLI ECE ORDUERI	MEDICAL BIOLOGY Nucleus, The Transport Between Nucleus and Cytoplasm GUVEN YENMIS R304	HISTOLOGY & EMBRYOLOGY Muscle Tissue - Nerve Tissue NAZLI ECE ORDUERI LAB GROUP-I	HISTOLOGY & EMBRYOLOGY Muscle Tissue - Nerve Tissue NAZLI ECE ORDUERI LAB GROUP III	USMLE TUMAY SADIKOGLU ONLINE
11:15-12:00	HISTOLOGY & EMBRYOLOGY Muscle Tissue NAZLI ECE ORDUERI	MEDICAL BIOLOGY Nucleus, The Transport Between Nucleus and Cytoplasm GUVEN YENMIS R304	BIOCHEMISTRY The importance of biochemistry analysis in clinical medicine. Evaluation of preanalytical-analytical-postanalytical stages AHMET BELCE R304	HISTOLOGY & EMBRYOLOGY Muscle Tissue - Nerve Tissue NAZLI ECE ORDUERI LAB GROUP III	USMLE TUMAY SADIKOGLU ONLINE
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	MICROBIOLOGY Sterilisation and disinfection M.DERYA AYDIN	MICROBIOLOGY Devices and equipment used in the microbiology laboratory M.DERYA AYDIN / YAĞMUR EKENOĞLU MIRDAN LAB GROUP II ----- ICP Hand washing and wearing sterile gloves TUMAY SADIKOGLU LAB GROUP I	HISTOLOGY & EMBRYOLOGY Muscle Tissue - Nerve Tissue NAZLI ECE ORDUERI LAB GROUP II	BIostatistics Diagnostic tests and vital rates used in health research YUSUF CELIK	
13:55-14:40	MICROBIOLOGY Introduction to immunology M.DERYA AYDIN		HISTOLOGY & EMBRYOLOGY Muscle Tissue - Nerve Tissue NAZLI ECE ORDUERI LAB GROUP II	BIostatistics Diagnostic tests and vital rates used in health research YUSUF CELIK	MEDICAL BIOLOGY The Structure of Chromosome, centromere and telomeres GUVEN YENMIS ONLINE



### LEARNING OBJECTIVES

At the end of phase I, the students will be able to;

- explain the basic terms and concepts of medical informatics and biostatistics, medical biology and genetics, medical history and ethics, medical biochemistry, anatomy, biophysics, medical pharmacology, physiology, histology and embryology, medical pathology and medical microbiology.
- appraise and recognize the holistic approach of a futuristic physician by combining their knowledge in medical education and medical humanities.
- apply the basic clinical skills in simulated environments and real clinical settings.
- demonstrate the communication skills required to be a competent physician.
- practice the history taking and patient- doctor interview.
- define the basic and clinical aspects of musculoskeletal system.
- apply their knowledge in musculoskeletal system while observing relevant clinical cases.
- define the basic steps of a research study.
- analyse the clinical cases in problem-based learning sessions and demonstrate the skills on problem solving and critical thinking.
- demonstrate the skills in teamwork and evidence-based research.
- develop the self-discipline that will help them to learn independently.
- practice TUS and USMLE questions.

COMMITTEE IV - PHASE I - MEDICAL SCIENCES III (EMS 104) - DISTRIBUTION of LECTURE HOURS - February 7- April 1, 2022 (8 WEEKS)					
LECTURES	FACULTY	THEO.	PRAC.	TOTAL	
MEDICAL BIOCHEMISTRY	AHMET BELCE, PhD, Prof.	8	6	14	
MICROBIOLOGY	M. DERYA AYDIN, MD, Prof.	14	0	14	
ANATOMY	AHMET SINAV, MD, Prof.	26	24	50	
INTRODUCTION TO CLINICAL PRACTICE	TUMAY SADIKOGLU, MD, Assist. Prof.	0	3	3	
USMLE	TUMAY SADIKOGLU, MD, Assist. Prof.	2	0	2	
HISTOLOGY & EMBRYOLOGY	NAZLI ECE ORDUERI, PhD, Assoc. Prof.	8	0	8	
MEDICAL BIOLOGY	GUVEN YENMIS, PhD, Assist. Prof.	17	3	16	
TOTAL		75	36	111	
CLASSROOM: R304					
Code	Elective Courses	Faculty	Day - Time	Start Date	
BIR317	Time Management and Planning	Gözde Sodacı KARATAŞ	Every Friday - 17:30	February 18, 2022	
BIR334	Bioethics	Tarif BAKDASH	Every Wednesday - 16.30	February 16, 2022	
BIR313	Principles of Nutrition	Emre MANİSALI	Every Friday - 13:55	February 18, 2022	
COMMITTEE IV- MEDICAL SCIENCES III - WEEK I					
Feb 7 - 11, 2022	7.2.2022 MONDAY	8.2.2022 TUESDAY	9.2.2022 WEDNESDAY	10.2.2022 THURSDAY	11.2.2022 FRIDAY
08:30-09:15	ANATOMY Introduction to muscles AHMET SINAV	ANATOMY Superficial face AHMET SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
9:25-10:10	ANATOMY Introduction to muscles AHMET SINAV	ANATOMY Superficial face AHMET SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	MEDICAL BIOLOGY The Structure of Nucleic Acids GUVEN YENMIS	ANATOMY Superficial face LAB AHMET SINAV GROUP I	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
11:15-12:00	MEDICAL BIOLOGY The Structure of Nucleic Acids GUVEN YENMIS	ANATOMY Superficial face LAB AHMET SINAV GROUP II	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY Introduction to General Embryology NAZLI ECE ORDUERI	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	Meeting with the Vice Dean	INDEPENDENT LEARNING	BIOCHEMISTRY Bioenergetics: High Energy Compounds AHMET BELCE	MICROBIOLOGY Cells, tissues and organs of the immune system M.DERYA AYDIN	

13:55-14:40	INDEPENDENT LEARNING	INDEPENDENT LEARNING	BIOCHEMISTRY Biological Oxidation, Respiratory Chain and Oxidative Phosphorylation	MICROBIOLOGY Cells, tissues and organs of the immune system M.DERYA AYDIN	INDEPENDENT LEARNING
14:50--15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL BIOLOGY DNA Replication GUVEN YENMIS	INDEPENDENT LEARNING	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL BIOLOGY DNA Replication GUVEN YENMIS	INDEPENDENT LEARNING	INDEPENDENT LEARNING
16:40-17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING

**COMMITTEE IV- MEDICAL SCIENCES III - WEEK II**

Feb 14-18, 2022	14.2.2022 MONDAY	15.2.2022 TUESDAY	16.2.2022 WEDNESDAY	17.2.2022 THURSDAY	18.2.2022 FRIDAY
08:30-09:15	ANATOMY Deep face AHMET SINAV	ANATOMY Deep face AHMET SINAV LAB GROUP I	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY General Embryology- Molecular regulation and signal transduction of Gametogenesis NAZLI ECE ORDUERI	Career Planning Offline
09:25-10:10	ANATOMY Deep face AHMET SINAV	ANATOMY Neck and cervical plexus AHMET SINAV LAB GROUP I	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY General Embryology- Molecular regulation and signal transduction of Gametogenesis NAZLI ECE ORDUERI	Career Planning Offline
10:20-11:05	ANATOMY Neck and cervical plexus AHMET SINAV	ANATOMY Deep face AHMET SINAV LAB GROUP II	INDEPENDENT LEARNING	MICROBIOLOGY Innate immunity M.DERYA AYDIN	MEDICAL RESEARCH - I YUSUF CELIK
11:15-12:00	ANATOMY Neck and cervical plexus AHMET SINAV	ANATOMY Neck and cervical plexus AHMET SINAV LAB GROUP II	INDEPENDENT LEARNING	MICROBIOLOGY Innate immunity M.DERYA AYDIN	MEDICAL RESEARCH - I YUSUF CELIK
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	INDEPENDENT LEARNING	ICP Hand washing and wearing sterile gloves TUMAY SADIKOGLU LAB GROUP II	INDEPENDENT LEARNING	MEDICAL BIOLOGY DNA Damage and The Repair Mechanisms GUVEN YENMIS	



13:55-14:40	INDEPENDENT LEARNING	ICP Hand washing and wearing sterile gloves TUMAY SADIKOGLU LAB GROUP I	INDEPENDENT LEARNING	MEDICAL BIOLOGY DNA Damage and The Repair Mechanisms GUVEN YENMIS	ELECTIVE COURSES
14:50--15:35	INDEPENDENT LEARNING	BIOCHEMISTRY Free Radicals and the Antioxidant System AHMET BELCE	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ELECTIVE COURSES
15:45-16:30	INDEPENDENT LEARNING	BIOCHEMISTRY Connective Tissue Biochemistry AHMET BELCE	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>COMMITTEE IV- MEDICAL SCIENCES III - WEEK III</b>					
Feb 21-25, 2022	21.2.2022 MONDAY	22.2.2022 TUESDAY	23.2.2022 WEDNESDAY	24.2.2022 THURSDAY	25.2.2022 FRIDAY
08:30-09:15	ANATOMY Back AHMET SINAV	ANATOMY Thorax AHMET SINAV	INDEPENDENT LEARNING	MICROBIOLOGY Antigen, processing, presentation to lymphocytes M.DERYA AYDIN	Career Planning Offline
9:25-10:10	ANATOMY Back AHMET SINAV	ANATOMY Thorax AHMET SINAV	INDEPENDENT LEARNING	MICROBIOLOGY Antigen, processing, presentation to lymphocytes M.DERYA AYDIN	Career Planning Offline
10:20-11:05	ANATOMY Back AHMET SINAV LAB GROUP I	ANATOMY Thorax AHMET SINAV	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY General Embryology- 1st and 2nd week of developing human NAZLI ECE ORDUERI	INDEPENDENT LEARNING
11:15-12:00	ANATOMY Back AHMET SINAV LAB GROUP II	ANATOMY Thorax AHMET SINAV	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY General Embryology- 1st and 2nd week of developing human NAZLI ECE ORDUERI	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	BIOCHEMISTRY Biochemical Approach to Connective Tissue Biochemistry Diseases AHMET BELCE	INDEPENDENT LEARNING	INDEPENDENT LEARNING	BIOCHEMISTRY Synovial Fluid AHMET BELCE	
13:55-14:40	BIOCHEMISTRY Bone Biochemistry AHMET BELCE	INDEPENDENT LEARNING	INDEPENDENT LEARNING	BIOCHEMISTRY Biochemical Approach to Bone Diseases AHMET BELCE	ELECTIVE COURSES

14:50-- 15:35	MEDICAL BIOLOGY Transcription, The Control of Gene Expression GUVEN YENMIS	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ELECTIVE COURSES
15:45- 16:30	MEDICAL BIOLOGY Transcription, The Control of Gene Expression GUVEN YENMIS	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40- 17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>COMMITTEE IV- MEDICAL SCIENCES III - WEEK IV</b>					
Feb 28 - March 4, 2022	28.2.2022 MONDAY	1.3.2022 TUESDAY	2.3.2022 WEDNESDAY	3.3.2022 THURSDAY	4.3.2022 FRIDAY
08:30- 09:15	ANATOMY Thorax AHMET SINAV LAB GROUP I	ANATOMY Shoulder AHMET SINAV	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY General Embryology- 3rd week to 8th week of devolping human NAZLI ECE ORDUERI	Career Planning Offline
9:25- 10:10	ANATOMY Thorax AHMET SINAV LAB GROUP I	ANATOMY Shoulder AHMET SINAV	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY General Embryology- 3rd week to 8th week of devolping human NAZLI ECE ORDUERI	Career Planning Offline
10:20- 11:05	ANATOMY Thorax AHMET SINAV LAB GROUP II	ANATOMY Shoulder AHMET SINAV	INDEPENDENT LEARNING	MICROBIOLOGY Recognition of antigen in acquired immunity M.DERYA AYDIN	INDEPENDENT LEARNING
11:15- 12:00	ANATOMY Thorax AHMET SINAV LAB GROUP II	ANATOMY Shoulder AHMET SINAV	INDEPENDENT LEARNING	MICROBIOLOGY Recognition of antigen in acquired immunity M.DERYA AYDIN	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00- 13:45	MEDICAL RESEARCH - I YUSUF CELIK	MEDICAL BIOLOGY The Translation GUVEN YENMIS	INDEPENDENT LEARNING	MEDICAL RESEARCH - I YUSUF CELIK	
13:55- 14:40	MEDICAL RESEARCH - I YUSUF CELIK	MEDICAL BIOLOGY The Translation GUVEN YENMIS	INDEPENDENT LEARNING	MEDICAL RESEARCH - I YUSUF CELIK	ELECTIVE COURSES
14:50-- 15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ELECTIVE COURSES
15:45- 16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

16:40-17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>COMMITTEE IV- MEDICAL SCIENCES III - WEEK V</b>					
March 7 - 11, 2022	7.3.2022 MONDAY	8.3.2022 TUESDAY	9.3.2022 WEDNESDAY	10.3.2022 THURSDAY	11.3.2022 FRIDAY
08:30-09:15	ANATOMY Shoulder AHMET SINAV LAB GROUP I	ANATOMY Axill and brachial plexus AHMET SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
9:25-10:10	ANATOMY Shoulder AHMET SINAV LAB GROUP I	ANATOMY Axill and brachial plexus AHMET SINAV	INDEPENDENT LEARNING	MEDICAL BIOLOGY The Cell cycle GUVEN YENMIS	INDEPENDENT LEARNING
10:20-11:05	ANATOMY Shoulder AHMET SINAV LAB GROUP II	ANATOMY Axill and brachial plexus AHMET SINAV LAB GROUP I	INDEPENDENT LEARNING	MEDICAL BIOLOGY The Cell cycle GUVEN YENMIS	INDEPENDENT LEARNING
11:15-12:00	ANATOMY Shoulder AHMET SINAV LAB GROUP II	ANATOMY Axill and brachial plexus AHMET SINAV LAB GROUP II	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY General Embryology- Fetal period and birth defects NAZLI ECE ORDUERI ONLINE	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	INDEPENDENT LEARNING	MEDICAL BIOLOGY Epigenetic mechanisms GUVEN YENMIS	INDEPENDENT LEARNING	MICROBIOLOGY Cellular immunity M.DERYA AYDIN	INDEPENDENT LEARNING
13:55-14:40	INDEPENDENT LEARNING	MEDICAL BIOLOGY The Cell cycle GUVEN YENMIS	INDEPENDENT LEARNING	MICROBIOLOGY Cellular immunity M.DERYA AYDIN	INDEPENDENT LEARNING
14:50-15:35	INDEPENDENT LEARNING	MEDICAL BIOLOGY The Cell cycle GUVEN YENMIS	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY General Embryology- Fetal period and birth defects NAZLI ECE ORDUERI ONLINE	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY General Embryology- Fetal period and birth defects NAZLI ECE ORDUERI ONLINE	INDEPENDENT LEARNING
16:40-17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING



COMMITTEE IV- MEDICAL SCIENCES III - WEEK VII					
March 21 - 25, 2021	21.3.2022 MONDAY	22.3.2022 TUESDAY	23.3.2022 WEDNESDAY	24.3.2022 THURSDAY	25.3.2022 FRIDAY
08:30-09:15	ANATOMY Upper extremity-hand AHMET SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
9:25-10:10	ANATOMY Upper extremity-hand AHMET SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Career Planning Offline
10:20-11:05	ANATOMY Upper extremity-hand AHMET SINAV LAB GROUP I	Career Planning GUVEN YENMIS CV	INDEPENDENT LEARNING	USMLE TUMAY SADIKOGLU online	MEDICAL BIOLOGY The signal transduction II GUVEN YENMIS Online
11:15-12:00	ANATOMY Upper extremity-hand AHMET SINAV LAB GROUP II	INDEPENDENT LEARNING	INDEPENDENT LEARNING	USMLE TUMAY SADIKOGLU online	MEDICAL BIOLOGY The signal transduction II GUVEN YENMIS Online
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	MEDICAL RESEARCH - I YUSUF CELIK	MICROBIOLOGY Autoimmunity, tolerance - Hypersensitivity reactions M.DERYA AYDIN	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
13:55-14:40	MEDICAL RESEARCH - I YUSUF CELIK	MICROBIOLOGY Immunodeficiency – Tumor and transplant immunology M.DERYA AYDIN	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ELECTIVE COURSE MIDTERM EXAM
14:50--15:35	INDEPENDENT LEARNING	ICP Vital Signs TUMAY SADIKOGLU LAB GROUP III	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	ICP Vital Signs TUMAY SADIKOGLU LAB GROUP I	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	ACADEMIC MENTORING TIME	ICP Vital Signs TUMAY SADIKOGLU LAB GROUP II	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
COMMITTEE IV- MEDICAL SCIENCES III - WEEK VIII					
March 28 - Apr 1, 2022	28.3.2022 MONDAY	29.3.2022 TUESDAY	30.3.2022 WEDNESDAY	31.3.2022 THURSDAY	1.4.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
9:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	

10:20-11:05	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	COMMITTEE EXAM
11:15-12:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
LUNCH BREAK	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
13:00-13:45	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
13:55-14:40	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
14:50-15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	

AIM					
<b>COMMITTEE V - MEDICAL SCIENCES IV (EMS 105) - DISTRIBUTION of LECTURE HOURS - April 4- June 10, 2022 (10 WEEKS)</b>					
	LECTURES	FACULTY	THEO.	PRAC.	TOTAL
	MEDICAL PATHOLOGY	DILEK SEMA ARICI MD, Prof. / DUYGU DUSMEZ APA MD, Prof.	10 14	2 2	28
	ANATOMY	AHMET SINAV, MD, Prof. / BULENT OZDEMIR, MD, Prof.	6 14	14 6	40
	ICP	TUMAY SADIKOGLU, MD, Assist. Prof.	5	0	5
	MEDICAL PHARMACOLOGY	SERKAN AVSAR, PhD, Assist. Prof.	22	0	22
	MEDICAL GENETICS	GUVEN YENMIS, PhD, Assist. Prof.	19	0	19
	TOTAL		91	27	114

<b>CLASSROOM: R304</b>					
Code	Elective Courses	Faculty	Day - Time	Start Date	End Date
BIR317	Time Management and Planning	Gözde Sodacı KARATAŞ	Every Friday - 17:30	April 8, 20222	May 27, 2022
BIR334	Bioethics	Tarif BAKDASH	Every Wednesday - 15.30	April 6, 20222	May 25, 2022
BIR313	Principles of Nutrition	Emre MANİSALI	Every Friday - 13:55	April 8, 20222	May 27, 2022

<b>COMMITTEE V- MEDICAL SCIENCES IV - WEEK I</b>					
Apr 4- 8, 2022	4.4.2022 MONDAY	5.4.2022 TUESDAY	6.4.2022 WEDNESDAY	7.4.2022 THURSDAY	8.4.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	PHARMACOLOGY Introduction to Pharmacology SERKAN AVSAR	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
9:25-10:10	INDEPENDENT LEARNING	PHARMACOLOGY Drug Administration routes SERKAN AVSAR	INDEPENDENT LEARNING	MEDICAL GENETICS Introduction to Medical Genetics and Mendelian inheritance models GUVEN YENMIS	INDEPENDENT LEARNING
10:20-11:05	PATHOLOGY Overview of cellular responses to stress and noxious stimuli DİLEK SEMA ARICI	MEDICAL BIOLOGY The Cell Death (Apoptosis) GUVEN YENMIS	INDEPENDENT LEARNING	MEDICAL GENETICS Introduction to Medical Genetics and Mendelian inheritance models GUVEN YENMIS	Career Planning Offline
11:15-12:00	PATHOLOGY Overview of cellular responses to stress and noxious stimuli DİLEK SEMA ARICI	MEDICAL BIOLOGY The Cell Death (Apoptosis) GUVEN YENMIS	INDEPENDENT LEARNING	MEDICAL GENETICS The Genome Project GUVEN YENMIS	Career Planning Offline
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK

13:00-13:45	INDEPENDENT LEARNING	ANATOMY Abdominal walls BULENT OZDEMIR LAB GROUP I	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
13:55-14:40	INDEPENDENT LEARNING	ANATOMY Abdominal walls BULENT OZDEMIR LAB GROUP I	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ELECTIVE COURSES
14:50-15:35	ANATOMY Abdominal walls AHMET SINAV	ANATOMY Abdominal walls BULENT OZDEMIR LAB GROUP II	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ELECTIVE COURSES
15:45-16:30	ANATOMY Abdominal walls AHMET SINAV	ANATOMY Abdominal walls BULENT OZDEMIR LAB GROUP II	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	ACADEMIC MENTORING TIME	MEDICAL RESEARCH - I EXAM YUSUF CELIK TIME: 17:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>COMMITTEE V- MEDICAL SCIENCES IV - WEEK II</b>					
Apr 11 - 15, 2022	11.4.2022 MONDAY	12.4.2022 TUESDAY	13.4.2022 WEDNESDAY	14.4.2022 THURSDAY	15.4.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	MEDICAL GENETICS Non-Mendelian inheritance patterns GUVEN YENMIS	INDEPENDENT LEARNING	MEDICAL GENETICS The Mutation Types I- (Chromosomal structural numerical abnormalities) GUVEN YENMIS	INDEPENDENT LEARNING
9:25-10:10	INDEPENDENT LEARNING	MEDICAL GENETICS Non-Mendelian inheritance patterns GUVEN YENMIS	INDEPENDENT LEARNING	MEDICAL GENETICS The Mutation Types I- (Chromosomal structural numerical abnormalities) GUVEN YENMIS	INDEPENDENT LEARNING
10:20-11:05	MICROBIOLOGY Staining methods used in microbiology M.DERYA AYDIN / YAĞMUR EKENOĞLU MERDAN LAB GROUP I	BIOCHEMISTRY General reactions of biomolecules GROUP I LAB AHMET BELCE	INDEPENDENT LEARNING	PHARMACOLOGY Pharmacokinetics: Drug Absorbption SERKAN AVSAR	Career Planning Offline
11:15-12:00	MICROBIOLOGY Staining methods used in microbiology M.DERYA AYDIN / YAĞMUR EKENOĞLU MERDAN LAB GROUP II	BIOCHEMISTRY General reactions of biomolecules GROUP II LAB AHMET BELCE	INDEPENDENT LEARNING	PHARMACOLOGY Pharmacokinetics: Drug Absorbption SERKAN AVSAR	Career Planning Offline
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	ANATOMY Lumbosacral plexus AHMET SINAV	ANATOMY Pelvis BULENT OZDEMIR	INDEPENDENT LEARNING	PATHOLOGY Reversible Cell Injury and Cell Death DİLEK SEMA ARICI	

13:55-14:40	ANATOMY Lumbosacral plexus AHMET SINAV	ANATOMY Pelvis BULENT OZDEMIR	INDEPENDENT LEARNING	PATHOLOGY Reversible Cell Injury and Cell Death DİLEK SEMA ARICI	ELECTIVE COURSES
14:50--15:35	ANATOMY Lumbosacral plexus AHMET SINAV LAB GROUP I	ANATOMY Pelvis BULENT OZDEMIR	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ELECTIVE COURSES
15:45-16:30	ANATOMY Lumbosacral plexus AHMET SINAV LAB GROUP II	ANATOMY Pelvis BULENT OZDEMIR	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN) EXAM
16:40-17:25	ACADEMIC MENTORING TIME	MEDICAL RESEARCH - I YUSUF CELIK	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
<b>COMMITTEE V- MEDICAL SCIENCES IV - WEEK III</b>					
Apr 18 - 22, 2022	18.4.2022 MONDAY	19.4.2022 TUESDAY	20.4.2022 WEDNESDAY	21.4.2022 THURSDAY	22.4.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
9:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	PATHOLOGY Mechanisms of Cell Injury DİLEK SEMA ARICI	MEDICAL GENETICS The Mutation Types II-(Gene level mutations) GUVEN YENMIS	INDEPENDENT LEARNING	PHARMACOLOGY Pharmacokinetics: Drug Disturubition SERKAN AVSAR	Career Planning Offline
11:15-12:00	PATHOLOGY Mechanisms of Cell Injury DİLEK SEMA ARICI	MEDICAL GENETICS The Mutation Types II-(Gene level mutations) GUVEN YENMIS	INDEPENDENT LEARNING	PHARMACOLOGY Pharmacokinetics: Drug Biotransformation SERKAN AVSAR	Career Planning Offline
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	ANATOMY Pelvis AHMET SINAV LAB GROUP I	ANATOMY Lower extremity- thigh BULENT OZDEMIR	INDEPENDENT LEARNING	PATHOLOGY Adaptations of Cellular Growth and Differentiation DİLEK SEMA ARICI	
13:55-14:40	ANATOMY Pelvis AHMET SINAV LAB GROUP I	ANATOMY Lower extremity- thigh BULENT OZDEMIR	INDEPENDENT LEARNING	PATHOLOGY Adaptations of Cellular Growth and Differentiation DİLEK SEMA ARICI	ELECTIVE COURSES
14:50--15:35	ANATOMY Pelvis AHMET SINAV LAB GROUP II	ANATOMY Lower extremity- thigh BULENT OZDEMIR	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ELECTIVE COURSES
15:45-16:30	ANATOMY Pelvis AHMET SINAV LAB GROUP II	ANATOMY Lower extremity- thigh BULENT OZDEMIR	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	ACADEMIC MENTORING TIME	MEDICAL RESEARCH - I YUSUF CELIK	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)



COMMITTEE V- MEDICAL SCIENCES IV - WEEK IV					
Apr 25 - 29, 2022	25.4.2022 MONDAY	26.4.2022 TUESDAY	27.4.2022 WEDNESDAY	28.4.2022 THURSDAY	29.4.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	MEDICAL GENETICS Introduction to molecular genetic diagnostic methods GUVEN YENMIS	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
9:25-10:10	INDEPENDENT LEARNING	MEDICAL GENETICS Introduction to molecular genetic diagnostic methods GUVEN YENMIS	ICP IM injection TUMAY SADIKOGLU Group 3	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	INDEPENDENT LEARNING	MEDICAL BIOLOGY Laboratory-PCR GUVEN YENMIS LAB-Group 1	ICP IM injection TUMAY SADIKOGLU Group 2	INDEPENDENT LEARNING	Career Planning Offline
11:15-12:00	INDEPENDENT LEARNING	MEDICAL BIOLOGY Laboratory-PCR GUVEN YENMIS LAB-Group 2	ICP IM injection TUMAY SADIKOGLU Group 1	INDEPENDENT LEARNING	Career Planning Offline
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	ANATOMY Lower extremity- thigh AHMET SINAV LAB GROUP I	ANATOMY Lower extremity- Leg BULENT OZDEMIR	PHARMACOLOGY Pharmacokinetics: Drug Elimination SERKAN AVSAR	INDEPENDENT LEARNING	
13:55-14:40	ANATOMY Lower extremity- thigh AHMET SINAV LAB GROUP I	ANATOMY Lower extremity- Leg BULENT OZDEMIR	PHARMACOLOGY Pharmacokinetics: Drug Elimination SERKAN AVSAR	INDEPENDENT LEARNING	ELECTIVE COURSES
14:50--15:35	ANATOMY Lower extremity- thigh AHMET SINAV LAB GROUP II	ANATOMY Lower extremity- Leg BULENT OZDEMIR	PHARMACOLOGY Pharmacodynamics: Mechanism of Drug action SERKAN AVSAR	INDEPENDENT LEARNING	ELECTIVE COURSES
15:45-16:30	ANATOMY Lower extremity- thigh AHMET SINAV LAB GROUP II	ANATOMY Lower extremity- Leg BULENT OZDEMIR	PHARMACOLOGY Pharmacodynamics: Mechanism of Drug action SERKAN AVSAR	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	ACADEMIC MENTORING TIME	MEDICAL RESEARCH - I YUSUF CELIK	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
COMMITTEE V- MEDICAL SCIENCES IV - WEEK V					
May 2 - 6, 2022	2.5.2022 MONDAY	3.5.2022 TUESDAY	4.5.2022 WEDNESDAY	5.5.2022 THURSDAY	6.5.2022 FRIDAY
08:30-09:15				INDEPENDENT LEARNING	INDEPENDENT LEARNING
9:25-10:10				INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05				INDEPENDENT LEARNING	Career Planning Offline
11:15-12:00				INDEPENDENT LEARNING	Career Planning Offline

LUNCH BREAK	HAPPY EID			LUNCH BREAK	LUNCH BREAK
13:00-13:45				INDEPENDENT LEARNING	
13:55-14:40				INDEPENDENT LEARNING	ELECTIVE COURSES
14:50--15:35				INDEPENDENT LEARNING	ELECTIVE COURSES
15:45-16:30				INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25				INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>COMMITTEE V- MEDICAL SCIENCES IV - WEEK VI</b>					
May 9 - 13, 2022	9.5.2022 MONDAY	10.5.2022 TUESDAY	11.5.2022 WEDNESDAY	12.5.2022 THURSDAY	13.5.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL BIOLOGY The molecular basis of cancer GUVEN YENMIS	INDEPENDENT LEARNING
9:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL BIOLOGY The molecular basis of cancer GUVEN YENMIS	INDEPENDENT LEARNING
10:20-11:05	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHARMACOLOGY Pharmacodynamics: Drug-receptor interactions SERKAN AVSAR	Career Planning Offline
11:15-12:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHARMACOLOGY Pharmacodynamics: Drug-receptor interactions SERKAN AVSAR	Career Planning Offline
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	ANATOMY Lower extremity- Leg AHMET SINAV LAB	ANATOMY Lower extremity- foot BULENT OZDEMIR	INDEPENDENT LEARNING	PATHOLOGY Intracellular accumulations, pathologic calcification and aging DILEK SEMA ARICI	
13:55-14:40	ANATOMY Lower extremity- Leg AHMET SINAV LAB	ANATOMY Lower extremity- foot BULENT OZDEMIR	INDEPENDENT LEARNING	PATHOLOGY Intracellular accumulations, pathologic calcification and aging DILEK SEMA ARICI	ELECTIVE COURSES
14:50--15:35	ANATOMY Lower extremity- Leg AHMET SINAV LAB	ANATOMY Lower extremity- foot BULENT OZDEMIR LAB	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ELECTIVE COURSES
15:45-16:30	ANATOMY Lower extremity- Leg AHMET SINAV LAB	ANATOMY Lower extremity- foot BULENT OZDEMIR LAB	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	ACADEMIC MENTORING TIME	MEDICAL RESEARCH - I YUSUF CELIK	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)



**COMMITTEE V- MEDICAL SCIENCES IV - WEEK VIII**

May 23 - 27, 2022	23.5.2022 MONDAY	24.5.2022 TUESDAY	25.5.2022 WEDNESDAY	26.5.2022 THURSDAY	27.5.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHARMACOLOGY Side effects of drugs (Drug toxicity) SERKAN AVSAR	INDEPENDENT LEARNING	INDEPENDENT LEARNING
9:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHARMACOLOGY Side effects of drugs (Drug toxicity) SERKAN AVSAR	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	INDEPENDENT LEARNING	MEDICAL GENETICS Recombinant DNA Technologies GUVEN YENMIS	PHARMACOLOGY Factors Changing the Effect of Medicines SERKAN AVSAR R304	PHARMACOLOGY Drug development SERKAN AVSAR	Career Planning Offline
11:15-12:00	INDEPENDENT LEARNING	MEDICAL GENETICS Recombinant DNA Technologies GUVEN YENMIS	PHARMACOLOGY Factors Changing the Effect of Medicines SERKAN AVSAR R304	PHARMACOLOGY Drug development SERKAN AVSAR	Career Planning Offline
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	INDEPENDENT LEARNING	MEDICAL GENETICS The Stem cell biology GUVEN YENMIS	PATHOLOGY inflammation DUYGU APA	ICP Introduction to physical examination TUMAY SADIKOGLU GROUP II	
13:55-14:40	INDEPENDENT LEARNING	MEDICAL GENETICS The Stem cell biology GUVEN YENMIS	PATHOLOGY inflammation DUYGU APA	ICP Introduction to physical examination TUMAY SADIKOGLU GROUP III	ELECTIVE COURSE FINAL EXAM
14:50--15:35	INDEPENDENT LEARNING	PATHOLOGY inflammation DUYGU APA	MICROBIOLOGY Bacterial culture - media - Antibiotic susceptibility tests M.DERYA AYDIN / YAĞMUR EKENOĞLU MERDAN LAB GROUP I	ICP Introduction to physical examination TUMAY SADIKOGLU GROUP I	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	PATHOLOGY inflammation DUYGU APA	MICROBIOLOGY Bacterial culture - media - Antibiotic susceptibility tests M.DERYA AYDIN / YAĞMUR EKENOĞLU MERDAN LAB GROUP II	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

COMMITTEE V- MEDICAL SCIENCES IV - WEEK IX					
May 30- June 3 , 2022	30.5.2022 MONDAY	31.5.2022 TUESDAY	1.6.2022 WEDNESDAY	2.6.2022 THURSDAY	3.6.2022 FRIDAY
08:30- 09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
9:25- 10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20- 11:05	INDEPENDENT LEARNING	MEDICAL GENETICS The Genetics of Cancer GUVEN YENMIS	INDEPENDENT LEARNING	PHARMACOLOGY Pharmacogenetics SERKAN AVSAR	INDEPENDENT LEARNING
11:15- 12:00	INDEPENDENT LEARNING	MEDICAL GENETICS The Genetics of Cancer GUVEN YENMIS	INDEPENDENT LEARNING	PHARMACOLOGY Pharmacogenetics SERKAN AVSAR	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00- 13:45	INDEPENDENT LEARNING	MEDICAL GENETICS The Genetic counseling GUVEN YENMIS	PATHOLOGY inflammation DUYGU APA LAB - GROUP I	PATHOLOGY inflammation DUYGU APA	INDEPENDENT LEARNING
13:55- 14:40	INDEPENDENT LEARNING	MEDICAL GENETICS The Genetic counseling GUVEN YENMIS	PATHOLOGY inflammation DUYGU APA LAB - GROUP II	PATHOLOGY inflammation DUYGU APA	INDEPENDENT LEARNING
14:50-- 15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PATHOLOGY inflammation DUYGU APA LAB - GROUP III	INDEPENDENT LEARNING	INDEPENDENT LEARNING
15:45- 16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
16:40- 17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
COMMITTEE V- MEDICAL SCIENCES IV - WEEK IX					
June 6- June 10 , 2022	6.6.2022 MONDAY	7.6.2022 MONDAY	8.6.2022 MONDAY	9.6.2022 MONDAY	10.6.2022 MONDAY
08:30- 09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	COMMITTEE EXAM
9:25- 10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
10:20- 11:05	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
11:15- 12:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	
13:00- 13:45	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
13:55- 14:40	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
14:50-- 15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
15:45- 16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
16:40- 17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	

## PHASE II

### AIM

Students will gain an appreciation of the role of a futuristic physician with a system based educational approach incorporating clinical and basic sciences, encouraging them to meet patients.

### LEARNING OBJECTIVES

At the end of phase II, the students will be able to;

1. **explain and apply** the basics concepts of medical research,
2. **define** the basics of body systems in medical biochemistry, anatomy, medical pharmacology, physiology, histology and embryology, medical pathology and medical microbiology.
3. **appraise** an holistic approach,
4. **demonstrate** a futuristic physician by combining their knowledge in clinical practices.
5. **apply** the basic clinical skills in simulated environments and real clinical settings.
6. **demonstrate** the communication skills required to be a competent physician.
7. **define** the clinical aspects of cardiovascular, respiratory, central nervous system, neoplasia-hematopoietic systems, skin-sensorial organs with a clinical approach to musculoskeletal system.
8. **apply** their knowledge in the body systems while observing relevant clinical cases.
9. **analyze** the clinical cases in problem-based learning sessions
10. **demonstrate** the skills on problem solving and critical thinking.
11. **demonstrate** the skills in teamwork and evidence-based research.
12. **develop** the self-discipline that will help them to learn independently.
13. **practice** USMLE questions.

### 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 undergraduate medical program**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
<b>LO1</b>	5	1	3	1	1	1	2	2
<b>LO2</b>	5	2	3	1	3	2	2	2
<b>LO3</b>	5	2	3	2	2	2	3	2
<b>LO4</b>	4	1	3	1	1	1	2	2
<b>LO5</b>	5	2	4	1	2	2	3	3
<b>LO6</b>	4	1	2	1	1	1	2	2
<b>LO7</b>	5	1	4	1	2	2	4	3
<b>LO8</b>	5	1	3	1	2	1	2	2
<b>LO9</b>	5	1	3	1	2	1	2	2
<b>LO10</b>	5	1	4	1	1	1	2	2
<b>LO11</b>	5	1	4	1	2	1	3	3
<b>LO12</b>	5	1	4	1	1	1	3	1
<b>LO13</b>	4	3	4	1	2	2	3	3

**2.1 NEOPLASIA, INFECTION, HEMOPOETIC SYSTEM COMMITTEE**

**AIM**

1. To be able to comprehend general pathology information, to discuss the biology and pathogenesis of cancer, explain the characteristics of the cell, list the protection methods and drugs used in treatment.
2. To be able to recognize viral, mycological and parasitological agents that cause diseases.
3. To comprehend the mechanisms, diagnosis and treatment methods and ways of prevention.
4. To be able to make general concepts and definitions of hematology
5. To define the general structures and functions of the tissues and organs that make up the blood and lymph systems are related to metabolic functions.
6. To teach the details of blood and lymph biology in the human body,
7. To learn the functions of the general structure of the organs and tissues of the blood and lymph system,
8. To gain knowledge, attitudes and skills about the detection methods of these disorders.

**LEARNING OUTCOMES**

**At the end of this committee,**

**In terms of Basic Sciences the students;**

1. Will be able to explain the anatomical and histological structure of blood tissue,
2. Will be able to explain the blood and lymph tissues perform in the biological process (hemostasis, maintaining fluid-electrolyte balance, transport of blood gases, acid-base balance, temperature regulation, bleeding, coagulation etc.)
3. Will be able to determine the methods used in the examination of blood and lymph tissues
4. Will be able to define normal flora elements and pathogenic agents,

**In terms of Clinical Sciences;**

5. Will be able to explain the causes of tumor formation,
6. Will be able to count the characteristic features of tumors,
7. Will be able to explain carcinogenesis mechanisms and etiological factors and oncogenic agents that can cause cancer
8. Will be able to explain laboratory diagnosis that can define the disease-causing mechanisms of infectious agents.
9. Will be able to explain immunological mechanisms related to infection,
10. Will be able to explain the diseases and symptoms of blood and lymph tissues, clinical findings (anemia, polycythemia, leukemia, hemoglobinopathies, bleeding and coagulation disorders, etc.)
11. Will be able to discuss pathophysiology, etiology, findings of benign, malignant and infectious diseases of blood and lymphatic system,
12. Will be able to explain hematological drugs and their usage areas,
13. Will gain basic approach regarding the prevention of neoplasia, Infectious and Hematologic diseases

**Contribution of the learning outcomes of the course to the learning outcomes of the undergraduate medical program**

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

**2.2 Musculoskeletal System Committee**

**AIM**

1. To explain the anatomical, histological, physiological characteristics of the structures that make up the human body, such as bones, joints and muscles.
2. To define anatomical and micro structure, localization, tissue and cellular level of structures belonging to the locomotor system
3. To explain the dynamics and the general working principles of the musculoskeletal system
4. To gain knowledge, skills and attitudes about the physiological properties of systems.

**LEARNING OUTCOMES**

At the end of this committee;

In terms of Clinical Sciences the students;



1. Will be able to explain the working principles of muscle tissue,
2. Will be able to define the general functional organization of peripheral nervous tissue,
3. Will be able to perform physical examination of the lumbar spine, apply elastic bandages to the wrist and forearm,
4. Will be able to define the basic biomechanical features and disorders of the spine and peripheral joints,
5. Will be able to define the Symptoms and signs of inflammatory diseases affecting the musculoskeletal system, causes, risk factors and etiopathogenesis, complications and differential diagnosis.
6. Will be able to decide on the laboratory and radiological tests used in the diagnosis of musculoskeletal 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	1	1	1	4	1	5	2	1
LO2	1	1	1	4	1	5	2	1
LO3	1	1	1	4	1	5	2	1
LO4	5	4	2	4	2	4	5	2
LO5	5	4	2	4	2	4	5	2
LO6	5	5	2	2	2	4	5	2

### 2.3 CENTRAL NERVOUS SYSTEM COMMITTEE

#### AIM

1. To be able to explain the anatomical and histological structure, organization, functions, general functions of the body, and biochemical reactions of the structural elements and tissues that make up the central nervous system.
2. To discuss the mechanisms, clinic, treatment and pathology of central nervous system disorders.

#### LEARNING OBJECTIVES

##### At the end of this committee

##### In terms of Basic Sciences the students;

1. Will be able to describe the embryological development, histological structure, anatomical and physiological features of the central nervous system (CNS), the relationship between the brain, brain stem and spinal cord, the distinctive features of the central and peripheral nervous system, and the functions of cerebral cortical structures,
2. Will be able to explain the nervous system biochemistry and CSF analysis, the composition and function of the fluid in the central nervous system, the function of the blood-brain barrier in CNS nutrition and protection,
3. Will be able to describe the specialized functions of structures located in the brain stem, functions of the cerebellum and basal ganglia, learning memory and higher cortical functions of the brain,
4. Will be able to explain the functions of the thalamus and limbic system, the structural and functional differences between the somatic and autonomic nervous systems, the features and functions of the autonomic nervous system,

##### In terms of Clinical Sciences the students;

1. Will be able to explain the pathological findings, etiopathogenesis, macroscopic and microscopic features of CNS disorders,

2. Explain the microorganisms associated with CNS and the diseases it causes.
3. Will be able to define the pharmacological properties of drugs used in the treatment of CNS diseases,
4. Will be able to define the methods used in the diagnosis of CNS diseases.
5. Will be able to gain knowledge, attitudes and skills about neurological and psychiatric related diseases.

**Contribution of the learning outcomes of the course to the learning outcomes of the undergraduate medical program**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
<b>LO1</b>	4	1	3	1	1	1	2	2
<b>LO2</b>	4	1	3	1	1	1	2	2
<b>LO3</b>	4	1	3	1	1	1	2	2
<b>LO4</b>	4	1	3	1	1	1	2	2
<b>LO5</b>	5	2	1	2	1	1	2	3
<b>LO6</b>	5	1	2	1	1	1	1	1
<b>LO7</b>	5	2	2	1	2	1	2	3
<b>LO8</b>	5	1	1	1	2	2	2	2
<b>LO9</b>	5	1	3	1	3	2	3	3

**2.4 CARDIOVASCULAR SYSTEM COMMITTEE**

**AIM**

1. To enable the student to gain knowledge by explaining the anatomical and microstructure of the circulatory systems in detail,
2. To explain the dynamics of circulatory systems,
3. To be able to define the general working principles and physiological characteristics of the circulatory systems,
4. To be able to count the examination methods of circulatory systems in medicine and laboratory applications
5. To provide basic knowledge, skills and attitudes about circulatory and respiratory system disorders, diseases and clinics.

**LEARNING OBJECTIVES**

**At the end of this committee;**

**In terms of Basic Sciences the students;**

1. Will be able to explain the general structure of the circulatory system anatomically and histologically,
2. Will be able to describe the functional events and their effects in the circulatory system from a physiological point of view,
3. Will be able to explain the causes and effects of disorders in the circulatory system biochemically,
4. Will be able to count the effective microorganisms in the circulatory system

**In terms of Clinical Sciences the students;**

5. To be able to list the clinical signs and symptoms of circulatory disorders, to explain the effective factors in diagnosis,
6. Will be able to define common diseases in the circulatory system, explain their etiopathogenesis and pathological features.

7. Will be able to explain the pharmacological properties and protection methods of drugs used in the treatment of circulatory system diseases,

**Contribution of the learning outcomes of the course to the learning outcomes of the undergraduate medical program**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	4	1	1	1	1	1	1	2
LO2	4	1	1	1	1	1	2	2
LO3	4	1	1	1	1	1	2	2
LO4	4	1	1	1	1	1	2	2
LO5	5	1	4	1	2	2	2	2
LO6	5	1	4	1	2	2	2	3
LO7	5	1	4	1	2	1	3	3

## 2.5 RESPIRATORY SYSTEM COMMITTEE

### AIM

1. To enable the student to gain knowledge by explaining the anatomical and microstructure of the respiratory systems in detail,
2. To be able to explain the dynamics of respiratory systems,
3. To describe the general working principles and physiological characteristics of respiratory systems
4. To be able to count the examination methods of respiratory systems in medicine and laboratory applications
5. To gain basic knowledge, skills and attitudes about respiratory system disorders, diseases and clinics.

### LEARNING OBJECTIVES

#### At the end of this committee the students;

1. Will be able to explain the general structure and localization of the respiratory systems and these structures in terms of anatomical and histological functions,
2. Will be able to describe the functional events and their effects in the respiratory systems in terms of physiological and biochemical,
3. Will be able to explain the causes and effects of respiratory system disorders histologically, biophysically, physiologically and biochemically,
4. will be able to count the clinical signs of respiratory disorders.
5. Will be able to explain common diseases in the respiratory system and define their etiopathogenesis.
6. Will be able to explain common diseases in otorhinolaryngology,
7. Will be able to explain the treatment and prevention methods of respiratory system diseases,
8. Will be able to define the treatment and prevention methods of otorhinolaryngologic diseases.

**Contribution of the learning outcomes of the course to the learning outcomes of the undergraduate medical program**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	3	1	1	1	1	1	1	2
LO2	3	1	1	1	1	1	2	2
LO3	4	1	1	1	1	1	2	2
LO4	4	1	1	1	1	1	2	2
LO5	5	1	4	1	2	2	2	2
LO6	5	1	4	1	2	2	2	3
LO7	5	1	4	1	2	1	3	3
LO8	5	1	4	1	1	1	3	3

LECTURES	FACULTY	THEO.	PRAC.	TOTAL
PHYSIOLOGY	HASAN SERDAR GERGERLİOĞLU, MD, Prof.	8	1	9
HISTOLOGY & EMBRYOLOGY	NAZLI ECE ORDUERI, PhD, Assoc. Prof.	10	4	14
MICROBIOLOGY	M. DERYA AYDIN, MD, Prof.	14	4	18
MEDICAL BIOCHEMISTRY	AHMET BELCE, PhD, Prof.	21	4	25
MEDICAL PATHOLOGY	DUYGU DÜŞMEZ APA, MD, Prof. / D. SEMA ARICI, MD, Prof.	22	4	26
MEDICAL PHARMACOLOGY	SERKAN AVSAR, PhD, ASSIST. PROF. / FATİH CAN TÜRK, PhD, ASSIST. PROF.	23		23
HEMATOLOGY	DARDA BAYRAKTAR, MD. ASSOC. PROF	4		4
INFECTION	MÜBERRA KIRALOĞLU, MD, ASSIST. PROF.	8		8
PEDIATRICS	Erol Kismet, MD, Prof.	7		7
	117	17	130	

COMMITTEE I Neoplasia-Infection and hematopoietic (Basics) / WEEK-I					
Oct 4. -8, 2021	04.10.2021 MONDAY	05.10.2021 TUESDAY	06.10.2021 WEDNESDAY	07.10.2021 THURSDAY	08.10.2021 FRIDAY
08:30-09:15	OPENING CEREMONY REYHAN BUILDING CONFERENCE HALL TIME: 09.00 - 11.00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10		INDEPENDENT LEARNING	MEDICAL BIOCHEMISTRY heme synthesis AHMET BELCE	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05		MICROBIOLOGY innate immunity M. DERYA AYDIN	MEDICAL BIOCHEMISTRY heme synthesis AHMET BELCE	HISTOLOGY & EMBRYOLOGY Thymus Histology and Development NAZLI ECE ORDUERI	HISTOLOGY & EMBRYOLOGY Spleen And Lymph Node Histology & Development NAZLI ECE ORDUERI
11:15-12:00		MICROBIOLOGY innate immunity M. DERYA AYDIN	MICROBIOLOGY Antigen, its processing, presentation to lymphocytes M. DERYA AYDIN	HISTOLOGY & EMBRYOLOGY Thymus Histology and Development NAZLI ECE ORDUERI	HISTOLOGY & EMBRYOLOGY Spleen And Lymph Node Histology & Development NAZLI ECE ORDUERI
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	ORIENTATION Yağmur Ekenoğlu Merdan	PHYSIOLOGY Composition, physical properties and function of blood HASAN SERDAR GERGERLİOĞLU	HISTOLOGY & EMBRYOLOGY Bone Marrow Histology And Hematopoiesis NAZLI ECE ORDUERI	PHYSIOLOGY Erythrocytes, anemia and polycythemia HASAN SERDAR GERGERLİOĞLU	
13:55-14:40		MEDICAL BIOCHEMISTRY Hemoglobin and Myoglobin: Structure and Function Relation. AHMET BELCE	HISTOLOGY & EMBRYOLOGY Bone Marrow Histology And Hematopoiesis NAZLI ECE ORDUERI	PHYSIOLOGY Erythrocytes, anemia and polycythemia HASAN SERDAR GERGERLİOĞLU	
14:50-15:35	INDEPENDENT LEARNING	MEDICAL BIOCHEMISTRY Hemoglobin and Myoglobin: Structure and Function Relation. AHMET BELCE	INDEPENDENT LEARNING	MEDICAL BIOCHEMISTRY Porphyrins. AHMET BELCE	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL BIOCHEMISTRY Porphyrins. AHMET BELCE	ONLINE LANGUAGE COURSE (GERMAN)

16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
<b>COMMITTEE I Neoplasia-Infection and hematopoetic (Basics) / WEEK-II</b>					
<b>Oct. 11-15, 2021</b>	<b>11.10.2021 MONDAY</b>	<b>12.10.2021 TUESDAY</b>	<b>13.10.2021 WEDNESDAY</b>	<b>14.10.2021 THURSDAY</b>	<b>15.10.2021 FRIDAY</b>
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY Laboratory III: Lymph node and Lymphatic Vessels Histology NAZLI ECE ORDUERI
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY Laboratory IV: Hematopoietic System Development (3D) NAZLI ECE ORDUERI
10:20-11:05	HISTOLOGY & EMBRYOLOGY Laboratory I: Bone marrow and blood smear NAZLI ECE ORDUERI	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY Lymphatic Vessels Histology and Development NAZLI ECE ORDUERI	MICROBIOLOGY Antigen recognition in acquired immunity M. DERYA AYDIN	MICROBIOLOGY Cellular immunity M. DERYA AYDIN
11:15-12:00	HISTOLOGY & EMBRYOLOGY Laboratory II: Thymus, Spleen and Tonsil Histology NAZLI ECE ORDUERI	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY Lymphatic Vessels Histology and Development NAZLI ECE ORDUERI	MICROBIOLOGY Cellular immunity M. DERYA AYDIN	MICROBIOLOGY Humoral immunity, Antibodies M. DERYA AYDIN
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	HISTOLOGY & EMBRYOLOGY Tonsil Histology and Development NAZLI ECE ORDUERI	PHYSIOLOGY Leukocytes and the immune system HASAN SERDAR GERGERLIOĞLU	PHYSIOLOGY Platelets, hemostasis and coagulation mechanisms HASAN SERDAR GERGERLIOĞLU	MEDICAL BIOCHEMISTRY Hemoglobin Electrophoresis. AHMET BELCE	
13:55-14:40	HISTOLOGY & EMBRYOLOGY Tonsil Histology and Development NAZLI ECE ORDUERI	PHYSIOLOGY Leukocytes and the immune system HASAN SERDAR GERGERLIOĞLU	PHYSIOLOGY Platelets, hemostasis and coagulation mechanisms HASAN SERDAR GERGERLIOĞLU	MEDICAL BIOCHEMISTRY Hemoglobinopathies. AHMET BELCE	
14:50-15:35	INDEPENDENT LEARNING	MEDICAL BIOCHEMISTRY Heme destruction . AHMET BELCE	MEDICAL BIOCHEMISTRY Hyperbilirubinemias. AHMET BELCE	INDEPENDENT LEARNING	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	MEDICAL BIOCHEMISTRY Heme destruction . AHMET BELCE	MEDICAL BIOCHEMISTRY Hyperbilirubinemias. AHMET BELCE	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)

18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
<b>COMMITTEE I Neoplasia-Infection and hematopoetic (Clinics) / WEEK-III</b>					
Oct. 18-22, 2021	18.10.2021 MONDAY	19.10.2021 TUESDAY	20.10.2021 WEDNESDAY	21.10.2021 THURSDAY	22.10.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PEDIATRICS Systemic physical examination in children Erol Kismet (ONLINE)
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHARMACOLOGY Introduction to Antibiotics İBRAHİM SERKAN AVŞAR	MEDICAL BIOCHEMISTRY Protein Electrophoresis. AHMET BELCE	PEDIATRICS Fever in children and types of fever (ONLINE) EROL KISMET
10:20-11:05	PATHOLOGY Overview of Inflammation: Definitions and General Features DUYGU DÜŞMEZ APA	MEDICAL BIOCHEMISTRY Biochemical Evaluation in Anemias. AHMET BELCE	PHARMACOLOGY Beta Lactam and Other Antibiotics Affecting Cell Wall and Membrane İBRAHİM SERKAN AVŞAR	MEDICAL BIOCHEMISTRY Clinical Significance of Plasma Proteins. AHMET BELCE	PEDIATRICS Infectious diseases in children and immune disorders (ONLINE) EROL KISMET
11:15-12:00	PATHOLOGY Acute and chronic Inflammation DUYGU DÜŞMEZ APA	MEDICAL BIOCHEMISTRY Biochemical Evaluation in Anemias. AHMET BELCE	PHARMACOLOGY Protein Synthesis Inhibitors: Tetracyclines, Macrolides, Clindamycin, Chloramphenicol, Streptogramins and Oxazolidinones İBRAHİM SERKAN AVŞAR	MEDICAL BIOCHEMISTRY Clinical Significance of Plasma Proteins. AHMET BELCE	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	PHYSIOLOGY Blood groups and transfusion HASAN SERDAR GERGERLİOĞLU	MICROBIOLOGY Humoral immunity, Antibodies M. DERYA AYDIN	INDEPENDENT LEARNING	MEDICAL BIOCHEMISTRY Coagulation System (Hemostasis). AHMET BELCE	
13:55-14:40	PATHOLOGY Mediators of Inflammation DUYGU DÜŞMEZ APA	MICROBIOLOGY Autoimmunity, tolerance - Hypersensitivity reactions M. DERYA AYDIN	INDEPENDENT LEARNING	MEDICAL BIOCHEMISTRY Coagulation System (Hemostasis). AHMET BELCE	
14:50-15:35	PATHOLOGY Tissue Repair DUYGU DÜŞMEZ APA	MICROBIOLOGY Immunodeficiency – Tumor and transplant immunology M. DERYA AYDIN	INDEPENDENT LEARNING	PATHOLOGY LAB: INFLAMMATION DUYGU DÜŞMEZ APA	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PATHOLOGY LAB: INFLAMMATION DUYGU DÜŞMEZ APA	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)

**COMMITTEE I Neoplasia-Infection and hematopoetic (Clinics) / WEEK-IV**

Oct. 25-29, 2021	25.10.2021 MONDAY	26.10.2021 TUESDAY	27.10.2021 WEDNESDAY	28.10.2021 THURSDAY	29.10.2021 FRIDAY
08:30-09:15	PHYSIOLOGY Lab: Blood Typing Tests HASAN SERDAR GERGERLİOĞLU	PHYSIOLOGY Review HASAN SERDAR GERGERLİOĞLU (Online)	PHARMACOLOGY Antiviral Drugs FATİH CAN TURK	HISTOLOGY & EMBRYOLOGY Development of Hematopoetic System NAZLI ECE ORDUERI online	NATIONAL HOLIDAY
09:25-10:10	PHARMACOLOGY Aminoglycosides and Spectinomycin FATİH CAN TURK	INDEPENDENT LEARNING	PHARMACOLOGY Antiviral Drugs FATİH CAN TURK	HISTOLOGY & EMBRYOLOGY Development of Hematopoetic System NAZLI ECE ORDUERI online	
10:20-11:05	PHARMACOLOGY Sulfonamides, Trimethoprim, Quinolones FATİH CAN TURK	PATHOLOGY Anemia DUYGU DÜŞMEZ APA	PHARMACOLOGY Antiiprozoal Drugs FATİH CAN TURK	PATHOLOGY Introduction to lymph node pathology DUYGU DÜŞMEZ APA (ONLINE)	
11:15-12:00	PHARMACOLOGY Antifungal Drugs FATİH CAN TURK	PATHOLOGY Anemia DUYGU DÜŞMEZ APA	PHARMACOLOGY Antianaerobic Drugs FATİH CAN TURK	PATHOLOGY Introduction to lymph node pathology DUYGU DÜŞMEZ APA (ONLINE)	
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	
13:00-13:45	PATHOLOGY Characteristics of Benign and Malignant Neoplasms D. SEMA ARICI	MEDICAL BIOCHEMISTRY Bleeding and Coagulation Disorders. AHMET BELCE	MEDICAL BIOCHEMISTRY Periphic Smear and Assesment of Hemogram AHMET BELCE LAB Group I	PHARMACOLOGY Disinfectants, Antiseptics and Sterilants FATİH CAN TURK (ONLINE)	
13:55-14:40	PATHOLOGY Clinical Aspects of Neoplasia: Grading and Staging of Tumors D. SEMA ARICI	MEDICAL BIOCHEMISTRY Bleeding and Coagulation Disorders. AHMET BELCE	MEDICAL BIOCHEMISTRY Periphic Smear and Assesment of Hemogram AHMET BELCE LAB Group II	PHARMACOLOGY Anthelmintic Drugs FATİH CAN TURK (ONLINE)	
14:50-15:35	PATHOLOGY Epidemiology of Cancer D. SEMA ARICI	MEDICAL BIOCHEMISTRY Tumor Markers. AHMET BELCE	INFECTION History and Physical Examination in Infectious Diseases (ONLINE) MÜBERRA KIRALOĞLU	PHARMACOLOGY Drugs Against Ectoparasites FATİH CAN TURK (ONLINE)	
15:45-16:30	PATHOLOGY Molecular Basis of Cancer: Role of Genetic and Epigenetic Alterations D. SEMA ARICI	HEMATOLOGY Approach to the patient with anemia; erythropoietic disorders DARDA BAYRAKTAR (ONLINE)	INFECTION Fever Pathogenesis and Clinical Fever Types (ONLINE) MÜBERRA KIRALOĞLU	HEMATOLOGY Bleeding disorders (hemophilia, thrombocytopenia, DIC) DARDA BAYRAKTAR (ONLINE)	
16:40-17:25	INDEPENDENT LEARNING	HEMATOLOGY Approach to the patient with anemia; Hemoglobinopathies DARDA BAYRAKTAR (ONLINE)	INFECTION Symptomatology in Infectious Diseases (ONLINE) MÜBERRA KIRALOĞLU	HEMATOLOGY Approach to the Patient with Lymphadenopathy DARDA BAYRAKTAR (ONLINE)	

17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
<b>COMMITTEE I Neoplasia-Infection and hematopoetic (Clinics) / WEEK-V</b>					
Nov. 1 - 5, 2021	1.11.2021 MONDAY	2.11.2021 TUESDAY	3.11.2021 WEDNESDAY	4.11.2021 THURSDAY	5.11.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	PATHOLOGY Lymphomas: Non- Hodgkin Lymphoma DUYGU DÜŞMEZ APA	INDEPENDENT LEARNING	PEDIATRICS Examination of head and neck in children (ONLINE) EROL KISMET	PEDIATRICS Approach to pediatric patient with lymphadenopathies (ONLINE) EROL KISMET
09:25-10:10	INDEPENDENT LEARNING	PATHOLOGY Lymphomas: Non- Hodgkin Lymphoma DUYGU DÜŞMEZ APA	INDEPENDENT LEARNING	PEDIATRICS Clinical and laboratory findings in hematopoetic system (ONLINE) EROL KISMET	PEDIATRICS Approach to anemia in pediatric patients (ONLINE) EROL KISMET
10:20-11:05	PATHOLOGY Lymphadenitis DUYGU DÜŞMEZ APA	HISTOLOGY & EMBRYOLOGY Development of Hematopoetic System NAZLI ECE ORDUERI	PHARMACOLOGY Antianemic and hematinic drugs İBRAHİM SERKAN AVŞAR	PHARMACOLOGY immunopharmacology (ONLINE) İBRAHİM SERKAN AVŞAR	PHARMACOLOGY Anticancer drugs and their clinical uses (ONLINE) İBRAHİM SERKAN AVŞAR
11:15-12:00	PATHOLOGY Lymphadenitis DUYGU DÜŞMEZ APA	HISTOLOGY & EMBRYOLOGY Development of Hematopoetic System NAZLI ECE ORDUERI	PHARMACOLOGY anticoagulant drugs İBRAHİM SERKAN AVŞAR	PHARMACOLOGY Anticancer drugs and their clinical uses (ONLINE) İBRAHİM SERKAN AVŞAR	PHARMACOLOGY Anticancer drugs and their clinical uses (ONLINE) İBRAHİM SERKAN AVŞAR
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	PATHOLOGY Lymphomas: Hodgkin Lymphoma DUYGU DÜŞMEZ APA	PATHOLOGY Bone marrow pathology DUYGU DÜŞMEZ APA	PATHOLOGY Disorders of spleen and thymus DUYGU DÜŞMEZ APA	PHARMACOLOGY Fibrinolytic Drugs İBRAHİM SERKAN AVŞAR (ONLINE)	
13:55-14:40	PATHOLOGY Lymphomas: Hodgkin Lymphoma DUYGU DÜŞMEZ APA	PATHOLOGY Bone marrow pathology DUYGU DÜŞMEZ APA	PATHOLOGY Disorders of spleen and thymus DUYGU DÜŞMEZ APA	PHARMACOLOGY Antifibrinolytic and Hemostatic drugs İBRAHİM SERKAN AVŞAR (ONLINE)	
14:50-15:35	INFECTION Differential diagnosis in infectious diseases (ONLINE) MÜBERRA KIRALOĞLU	MEDICAL BIOCHEMISTRY Coagulations tests AHMET BELCE LAB Group I	PATHOLOGY LAB: Haematopoeitik system DUYGU DÜŞMEZ APA Group I	INFECTION Influenza MÜBERRA KIRALOĞLU (ONLINE)	INDEPENDENT LEARNING
15:45-16:30	INFECTION Laboratory Findings in Infectious Diseases MÜBERRA KIRALOĞLU (ONLINE)	MEDICAL BIOCHEMISTRY Coagulations tests AHMET BELCE LAB Group II	PATHOLOGY LAB: Haematopoeitik system DUYGU DÜŞMEZ APA Group II	INFECTION Healthcare service associated Infections (ONLINE) MÜBERRA KIRALOĞLU	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHARMACOLOGY Clinical Use of Antimicrobials FATİH CAN TÜRK (ONLINE)	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	PHARMACOLOGY Clinical Use of Antimicrobials FATİH CAN TÜRK (ONLINE)	INDEPENDENT LEARNING	Turkish Language-I (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)



COMMITTEE I Neoplasia-Infection and hematopoetic / WEEK-VI					
Nov. 8 - 12, 2020	8.11.2021 MONDAY	9.11.2021 TUESDAY	10.11.2021 WEDNESDAY	11.11.2021 THURSDAY	12.11.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	COMMITTEE EXAM
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
10:20-11:05	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
11:15-12:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	
13:00-13:45	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
13:55-14:40	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
14:50-15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	

COM. 2 CENTRAL NERVOUS SYSTEM I- 5 WEEKS				
LECTURES	FACULTY	THEO.	PRAC.	TOTAL
HISTOLOGY -EMBRYOLOGY	NAZLI ECE ORDUERI, PhD, Assoc. Prof.	14	2	16
ANATOMY	AHMET SINAV, MD, Prof. / MEHMET BÜLENT ÖZDEMİR, MD, Prof.	23	4	27
MEDICAL BIOCHEMISTRY	AHMET BELCE, PhD, Prof.	5		5
PHYSIOLOGY	HASAN SERDAR GERGERLİOĞLU	22		22
MICROBIOLOGY	M. DERYA AYDIN, MD, Prof.	8		8
ICP	TUMAY SADIKOGLU, MD, Assist Prof.	0	3	3

COM. 2 CENTRAL NERVOUS SYSTEM I- / WEEK I					
Nov. 15 - 19, 2021	15.11.2021 MONDAY	16.11.2021 TUESDAY	17.11.2021 WEDNESDAY	18.11.2021 THURSDAY	19.11.2021 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	ANATOMY Introduction to nervous system & base of cranium MEHMET BÜLENT ÖZDEMİR	ANATOMY LAB: Spinal cord (external anatomic features) MEHMET BÜLENT ÖZDEMİR GROUP 1	INDEPENDENT LEARNING	PHYSIOLOGY Organization of the nervous system HASAN SERDAR GERGERLİOĞLU

11:15-12:00	INDEPENDENT LEARNING	ANATOMY Introduction to nervous system & base of cranium MEHMET BÜLENT ÖZDEMİR	ANATOMY LAB: Spinal cord (external anatomic features) MEHMET BÜLENT ÖZDEMİR GROUP 2	HISTOLOGY & EMBRYOLOGY Central Nervous System Connective Tissue NAZLI ECE ORDUERI	PHYSIOLOGY Organization of the nervous system HASAN SERDAR GERGERLİOĞLU
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	INDEPENDENT LEARNING	ANATOMY Spinal cord (external anatomic features) MEHMET BÜLENT ÖZDEMİR	ANATOMY Brain stem (medulla) MEHMET BÜLENT ÖZDEMİR	MEDICAL BIOCHEMISTRY Neurotransmitters: Structure and Function AHMET BELCE	
13:55-14:40	INDEPENDENT LEARNING	ANATOMY Spinal cord (external anatomic features) MEHMET BÜLENT ÖZDEMİR	ANATOMY Brain stem (Pons) MEHMET BÜLENT ÖZDEMİR	MEDICAL BIOCHEMISTRY Neurotransmitters: Structure and Function AHMET BELCE	
14:50-15:35	INDEPENDENT LEARNING	EMBRYOLOGY General Characteristics and Development of the Nervous System NAZLI ECE ORDUERI	MICROBIOLOGY Neisseria meningitidis, Haemophilus spp M. DERYA AYDIN	MICROBIOLOGY Streptococcus pneumoniae M. DERYA AYDIN	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	EMBRYOLOGY General Characteristics and Development of the Nervous System NAZLI ECE ORDUERI	MICROBIOLOGY Streptococcus spp, Enterococcus spp M. DERYA AYDIN	MICROBIOLOGY Staphylococcus spp M. DERYA AYDIN	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
<b>COM. 2 CENTRAL NERVOUS SYSTEM I- / WEEK II</b>					
Nov. 22 - 26, 2021	22.11.2021 MONDAY	23.11.2021 TUESDAY	24.11.2021 WEDNESDAY	25.11.2021 THURSDAY	26.11.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	INDEPENDENT LEARNING	ANATOMY Brainstem (Mesencephalon) MEHMET BÜLENT ÖZDEMİR	MICROBIOLOGY Spirochaetaceae: Borrelia, Leptospira M. DERYA AYDIN	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	PHYSIOLOGY Neuro and gliatransmitters - neuromodulators HASAN SERDAR GERGERLİOĞLU	ANATOMY Cerebrum (external anatomy) MEHMET BÜLENT ÖZDEMİR	ANATOMY Sensory system MEHMET BÜLENT ÖZDEMİR	HISTOLOGY & EMBRYOLOGY Medulla Spinalis Special Histology NAZLI ECE ORDUERI	INDEPENDENT LEARNING
11:15-12:00	PHYSIOLOGY Neuro and gliatransmitters - neuromodulators HASAN SERDAR GERGERLİOĞLU	ANATOMY Cerebrum (external anatomy) MEHMET BÜLENT ÖZDEMİR	ANATOMY Sensory system MEHMET BÜLENT ÖZDEMİR	HISTOLOGY & EMBRYOLOGY Medulla Spinalis Special Histology NAZLI ECE ORDUERI	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	PHYSIOLOGY Spinal cord and spinal reflexes HASAN SERDAR GERGERLİOĞLU	ANATOMY LAB: brainstem MEHMET BÜLENT ÖZDEMİR GROUP 1	ANATOMY Diencephalon MEHMET BÜLENT ÖZDEMİR	PHYSIOLOGY RF HASAN SERDAR GERGERLİOĞLU	

13:55-14:40	PHYSIOLOGY Spinal cord and spinal reflexes HASAN SERDAR GERGERLİOĞLU	ANATOMY LAB: Cerebrum MEHMET BÜLENT ÖZDEMİR GROUP 1	HISTOLOGY Cerebrum Special Histology NAZLI ECE ORDUERI	PHYSIOLOGY RF HASAN SERDAR GERGERLİOĞLU	
14:50-15:35	MEDICAL BIOCHEMISTRY Biochemistry of neurodegenerative diseases 2/2 AHMET BELCE	ANATOMY LAB: brainstem MEHMET BÜLENT ÖZDEMİR GROUP2	EMBRYOLOGY Cerebrum Development NAZLI ECE ORDUERI	INDEPENDENT LEARNING	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	ANATOMY LAB: Cerebrum MEHMET BÜLENT ÖZDEMİR GROUP 2	HISTOLOGY & EMBRYOLOGY Blood-Brain Barrier NAZLI ECE ORDUERI	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
<b>COM. 2 CENTRAL NERVOUS SYSTEM I- / WEEK III</b>					
Nov 29 - Dec 3, 2021	29.11.2021 MONDAY	30.11.2021 TUESDAY	1.12.2021 WEDNESDAY	2.12.2021 THURSDAY	3.12.2021 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	HISTOLOGY & EMBRYOLOGY Cerebellum Special Histology NAZLI ECE ORDUERI	INDEPENDENT LEARNING
10:20-11:05	INDEPENDENT LEARNING	ANATOMY Motor system MEHMET BÜLENT ÖZDEMİR	ANATOMY LAB: Cerebellum MEHMET BÜLENT ÖZDEMİR GROUP 1	HISTOLOGY & EMBRYOLOGY Cerebellum Special Histology NAZLI ECE ORDUERI	INDEPENDENT LEARNING
11:15-12:00	INDEPENDENT LEARNING	ANATOMY Motor system MEHMET BÜLENT ÖZDEMİR	ANATOMY LAB: Cerebellum MEHMET BÜLENT ÖZDEMİR GROUP 2	HISTOLOGY & EMBRYOLOGY Cerebellum Development NAZLI ECE ORDUERI	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	INDEPENDENT LEARNING	ANATOMY Basal ganglia MEHMET BÜLENT ÖZDEMİR	ANATOMY Limbic system&white matter of brain MEHMET BÜLENT ÖZDEMİR	PHYSIOLOGY limbic system physiology HASAN SERDAR GERGERLİOĞLU	
13:55-14:40	INDEPENDENT LEARNING	ANATOMY Cerebellum MEHMET BÜLENT ÖZDEMİR	ANATOMY Limbic system&white matter of brain MEHMET BÜLENT ÖZDEMİR	PHYSIOLOGY limbic system physiology HASAN SERDAR GERGERLİOĞLU	
14:50-15:35	INDEPENDENT LEARNING	ANATOMY Cerebellum MEHMET BÜLENT ÖZDEMİR	PHYSIOLOGY Cortex functions and motor planning HASAN SERDAR GERGERLİOĞLU	PHYSIOLOGY Learning and memory HASAN SERDAR GERGERLİOĞLU	INDEPENDENT LEARNING

15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY Cortex functions and motor planning HASAN SERDAR GERGERLİOĞLU	PHYSIOLOGY Learning and memory HASAN SERDAR GERGERLİOĞLU	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
<b>COM. 2 CENTRAL NERVOUS SYSTEM I- / WEEK IV</b>					
Dec. 6 - 10, 2020	6.12.2021 MONDAY	7.12.2021 TUESDAY	8.12.2021 WEDNESDAY	9.12.2021 THURSDAY	10.12.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	ANATOMY Hypothalamus& Hypophysis MEHMET BÜLENT ÖZDEMİR	ANATOMY LAB: Autonomic nervous system MEHMET BÜLENT ÖZDEMİR GROUP 1	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	PHYSIOLOGY Cerebellum and basal ganglia physiology HASAN SERDAR GERGERLİOĞLU	ANATOMY Hypothalamus& Hypophysis MEHMET BÜLENT ÖZDEMİR	ANATOMY LAB: Autonomic nervous system MEHMET BÜLENT ÖZDEMİR GROUP 2	MICROBIOLOGY Opportunistic fungi M. DERYA AYDIN	INDEPENDENT LEARNING
10:20-11:05	PHYSIOLOGY Cerebellum and basal ganglia physiology HASAN SERDAR GERGERLİOĞLU	ANATOMY Autonomic nervous system MEHMET BÜLENT ÖZDEMİR	PHYSIOLOGY Cerebral blood flow and cerebrospinal fluid (CSF) physiology HASAN SERDAR GERGERLİOĞLU	MICROBIOLOGY Human Immunodeficiency Virus M. DERYA AYDIN	INDEPENDENT LEARNING
11:15-12:00	HISTOLOGY & EMBRYOLOGY Cerebrospinal fluid NAZLI ECE ORDUERI	ANATOMY Autonomic nervous system MEHMET BÜLENT ÖZDEMİR	PHYSIOLOGY Electroencephalography (EEG) and sleep physiology HASAN SERDAR GERGERLİOĞLU	MICROBIOLOGY Human Immunodeficiency Virus M. DERYA AYDIN	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	HISTOLOGY & EMBRYOLOGY PSS Special Histology and Development NAZLI ECE ORDUERI	ANATOMY Meninges & venous sinuses MEHMET BÜLENT ÖZDEMİR	PHYSIOLOGY Autonomic nervous system HASAN SERDAR GERGERLİOĞLU	MEDICAL BIOCHEMISTRY Biochemistry of neurodegenerative diseases 1/2 AHMET BELCE	
13:55-14:40	HISTOLOGY & EMBRYOLOGY LAB-MSS-PSS NAZLI ECE ORDUERI GROUP 1	ANATOMY Brain ventricles & CSF MEHMET BÜLENT ÖZDEMİR	PHYSIOLOGY Autonomic nervous system HASAN SERDAR GERGERLİOĞLU	MEDICAL BIOCHEMISTRY Biochemistry of neurodegenerative diseases 2/2 AHMET BELCE	
14:50-15:35	HISTOLOGY & EMBRYOLOGY LAB-MSS-PSS NAZLI ECE ORDUERI GROUP 2	PHYSIOLOGY Thalamus, hypothalamus physiology HASAN SERDAR GERGERLİOĞLU	MEDICAL BIOCHEMISTRY CSF Biochemistry AHMET BELCE	INDEPENDENT LEARNING	INDEPENDENT LEARNING
15:45-16:30	HISTOLOGY & EMBRYOLOGY LAB-MSS-PSS NAZLI ECE ORDUERI GROUP 3	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	HISTOLOGY & EMBRYOLOGY LAB-MSS-PSS NAZLI ECE ORDUERI GROUP 4	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)



**COM. 3 CENTRAL NERVOUS SYSTEM II / WEEK I**

Dec. 20-24, 2021	20.12.2021 MONDAY	21.12.2021 TUESDAY	22.12.2021 WEDNESDAY	23.12.2021 THURSDAY	24.12.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PATHOLOGY Central Nervous System Infections D. SEMA ARICI	INDEPENDENT LEARNING
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PATHOLOGY Central Nervous System Infections D. SEMA ARICI	INDEPENDENT LEARNING
10:20-11:05	INDEPENDENT LEARNING	PATHOLOGY Cerebral Edema, Hydrocephalus, Raised Intracranial Pressure, and Herniation DUYGU DÜŞMEZ APA	PHARMACOLOGY Introduction to Autonomic Pharmacology; neurotransmitters and cholinergic, adrenergic, non-cholinergic-nonadrenergic transmission İBRAHİM SERKAN AVŞAR	PHARMACOLOGY Parasympathomimetics, cholinesterase inhibitors and reactivators İBRAHİM SERKAN AVŞAR	PATHOLOGY Neoplasms of the Central Nervous System DUYGU DÜŞMEZ APA
11:15-12:00	NEUROLOGY Approach to the patient with headache (Migraine, Tension Type Headache) PINAR OZCELIK	PATHOLOGY Cerebral Edema, Hydrocephalus, Raised Intracranial Pressure, and Herniation DUYGU DÜŞMEZ APA	PHARMACOLOGY Parasympathomimetics, cholinesterase inhibitors and reactivators İBRAHİM SERKAN AVŞAR	PHARMACOLOGY Parasympathomimetics, cholinesterase inhibitors and reactivators İBRAHİM SERKAN AVŞAR	PATHOLOGY Neoplasms of the Central Nervous System DUYGU DÜŞMEZ APA
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	NEUROLOGY Cognitive disorders (Dementia) (Alzheimer's) PINAR OZCELIK	ICP Hand washing and wearing sterile gloves TUMAY SADIKOGLU GROUP 1	PATHOLOGY Cerebrovascular Disease DUYGU DÜŞMEZ APA	PHARMACOLOGY Parasympatholytics and ganglion blockers İBRAHİM SERKAN AVŞAR	
13:55-14:40	NEUROLOGY Changes in consciousness (Syncope, Epilepsy) PINAR OZCELIK	ICP Hand washing and wearing sterile gloves TUMAY SADIKOGLU GROUP 2	PATHOLOGY Central Nervous System Trauma DUYGU DÜŞMEZ APA	PHARMACOLOGY Parasympatholytics and ganglion blockers İBRAHİM SERKAN AVŞAR	TOPLANTI Prof. Dr. Duygu APA aKADEMİK dANIŞMANLIK tOPLANTISI
14:50-15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)

COM. 3 CENTRAL NERVOUS SYSTEM II / WEEK II					
Dec. 27-31, 2021	27.12.2021 MONDAY	28.12.2021 TUESDAY	29.12.2021 WEDNESDAY	30.12.2021 THURSDAY	31.12.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	ANATOMY Cranial nerves (1-6) AHMET SINAV	ANATOMY Cranial nerves (7- 12) AHMET SINAV	PEDIATRICS Neuromotor development and evaluation in infants and children- EROL KISMET (ONLINE)	INDEPENDENT LEARNING
09:25-10:10	ANATOMY Vessels of CNS AHMET SINAV	ANATOMY Cranial nerves (1-6) AHMET SINAV	ANATOMY Cranial nerves (7- 12) AHMET SINAV	PEDIATRICS Neuromotor development and evaluation in infants and children-EROL KISMET (ONLINE)	INDEPENDENT LEARNING
10:20-11:05	ANATOMY LAB: vessels, sinuses,meninges and CSF AHMET SINAV Group I	ANATOMY LAB: Cranial nerves (1-6) AHMET SINAV Group I	ANATOMY LAB: Cranial nerves (7- 12) AHMET SINAV Group I	INDEPENDENT LEARNING	PATHOLOGY Diseases of Peripheral Nerves DUYGU APA (ONLINE)
11:15-12:00	ANATOMY LAB: vessels, sinuses,meninges and CSF AHMET SINAV Group II	ANATOMY LAB: Cranial nerves (1-6) AHMET SINAV Group II	ANATOMY LAB: Cranial nerves (7- 12) AHMET SINAV Group II	INDEPENDENT LEARNING	PATHOLOGY Diseases of Peripheral Nerves DUYGU APA (ONLINE)
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHARMACOLOGY Adrenergic agents and their use in treatment İBRAHİM SERKAN AVŞAR	PHARMACOLOGY Sympatholytic drugs and their use in treatment İBRAHİM SERKAN AVŞAR	
13:55-14:40	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHARMACOLOGY Adrenergic agents and their use in treatment İBRAHİM SERKAN AVŞAR	PHARMACOLOGY Sympatholytic drugs and their use in treatment İBRAHİM SERKAN AVŞAR	
14:50-15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHARMACOLOGY Introduction to Central Nervous System Drugs İBRAHİM SERKAN AVŞAR	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
18:30 -19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
COM. 3 CENTRAL NERVOUS SYSTEM II / WEEK III					
Jan. 3 - 7, 2022	3.1.2022 MONDAY	4.1.2022 TUESDAY	5.1.2022 WEDNESDAY	6.1.2022 THURSDAY	7.1.2022 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	MICROBIOLOGY Arthropods M. DERYA AYDIN	INDEPENDENT LEARNING

10:20-11:05	NEUROLOGY Semiology in Neurology (Paresthesia, paresis, paralysis) PINAR OZCELIK	NEUROLOGY Stroke (Transient Ischemic Attack) PINAR OZCELIK	INDEPENDENT LEARNING	MICROBIOLOGY Arboviruses M. DERYA AYDIN	INDEPENDENT LEARNING
11:15-12:00	NEUROLOGY Semiology in Neurology (Paresthesia, paresis, paralysis) PINAR OZCELIK	NEUROLOGY Stroke (Intracranial Hemorrhage) PINAR OZCELIK	INDEPENDENT LEARNING	MICROBIOLOGY Arboviruses M. DERYA AYDIN	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	PHYSIOLOGY Intro to sensory physiology HASAN SERDAR GERGERLİOĞLU	PHARMACOLOGY Anxiolytic, Sedative, Hypnotic Drugs İBRAHİM SERKAN AVŞAR	NEUROLOGY Myasthenia Gravis and Cholinergic Crisis PINAR OZCELIK (ONLINE)	INDEPENDENT LEARNING	
13:55-14:40	PHYSIOLOGY Intro to sensory physiology HASAN SERDAR GERGERLİOĞLU	PHARMACOLOGY Antidepressant Drugs İBRAHİM SERKAN AVŞAR	NEUROLOGY Balance and movement disorders PINAR OZCELIK (ONLINE)	INDEPENDENT LEARNING	
14:50-15:35	PHYSIOLOGY Neocortex HASAN SERDAR GERGERLİOĞLU	PATHOLOGY Demyelinating Diseases D. SEMA ARICI	PSYCHIATRY Psychiatric Examination and Symptomatology-Symptom SENA YENEL (ONLINE)	PSYCHIATRY The Concept of Anxiety (ONLINE) SENA YENEL	INDEPENDENT LEARNING
15:45-16:30	PHYSIOLOGY Neocortex HASAN SERDAR GERGERLİOĞLU	PATHOLOGY Demyelinating Diseases D. SEMA ARICI	PSYCHIATRY Psychiatric Examination and Symptomatology-Symptom SENA YENEL (ONLINE)	PSYCHIATRY Anxiety Disorders (ONLINE) SENA YENEL	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	PATHOLOGY Neurodegenerative Diseases D. SEMA ARICI	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
<b>COM. 3 CENTRAL NERVOUS SYSTEM II / WEEK IV</b>					
Jan 10-14, 2022	10.1.2022 MONDAY	11.1.2022 TUESDAY	12.1.2022 WEDNESDAY	13.1.2022 THURSDAY	14.1.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PEDIATRICS Neurological and musculoskeletal examination in childhood age groups-THU EROL KISMET (ONLINE)	PEDIATRICS Epilepsy in Children EROL KISMET (ONLINE)
09:25-10:10	INDEPENDENT LEARNING	MICROBIOLOGY Rabies v.+ tumor viruses M. DERYA AYDIN	PHARMACOLOGY Antimanic Drugs İBRAHİM SERKAN AVŞAR	PEDIATRICS Neurological and musculoskeletal examination in childhood age groups-THU EROL KISMET (ONLINE)	PEDIATRICS Epilepsy in Children EROL KISMET (ONLINE)
10:20-11:05	INDEPENDENT LEARNING	PATHOLOGY LAB: CNS DUYGU DÜŞMEZ APA GROUP I	PHARMACOLOGY CNS Stimulants and Psychotomimetic Drugs İBRAHİM SERKAN AVŞAR	MICROBIOLOGY Tissue Helminths M. DERYA AYDIN ONLINE	INDEPENDENT LEARNING



11:15-12:00	INDEPENDENT LEARNING	PATHOLOGY LAB: CNS DUYGU DÜŞMEZ APA GROUP II	INDEPENDENT LEARNING	MICROBIOLOGY Tissue Helminths M. DERYA AYDIN ONLINE	INDEPENDENT LEARNING
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	PATHOLOGY Diseases of Skeletal Muscle DUYGU DÜŞMEZ APA	INDEPENDENT LEARNING	PSYCHIATRY Concept of Depression SENA YENEL (ONLINE)	PSYCHIATRY Neurocognitive Disorders and Delirium SENA YENEL(ONLINE)	
13:55-14:40	PATHOLOGY Diseases of Skeletal Muscle DUYGU DÜŞMEZ APA	INDEPENDENT LEARNING	PSYCHIATRY Major Depressive Disorder SENA YENEL (ONLINE)	PSYCHIATRY Neurocognitive Disorders SENA YENEL (ONLINE)	
14:50-15:35	MICROBIOLOGY Protozoa (Blood and tissue) YAĞMUR EKENOĞLU MERDAN	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
15:45-16:30	MICROBIOLOGY Protozoa (Blood and tissue) YAĞMUR EKENOĞLU MERDAN	MICROBIOLOGY Practice: Microscopy: Blood parasites/Arthropods M. DERYA AYDIN / YAĞMUR EKENOĞLU MERDAN - GROUP I	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	MICROBIOLOGY Practice: Microscopy: Blood parasites/Arthropods M. DERYA AYDIN / YAĞMUR EKENOĞLU MERDAN - GROUP II	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
18:30 -19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-I (offline)
<b>COM. 3 CENTRAL NERVOUS SYSTEM II / WEEK V</b>					
Jan 17 - 21, 2022	17.1.2022 MONDAY	18.1.2022 TUESDAY	19.1.2022 WEDNESDAY	20.1.2022 THURSDAY	21.1.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	COMMITTEE EXAM
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
10:20-11:05	MICROBIOLOGY Prion+viral slow diseases YAĞMUR EKENOĞLU MERDAN ONLINE	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
11:15-12:00	MICROBIOLOGY Prion+viral slow diseases YAĞMUR EKENOĞLU MERDAN ONLINE	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	
13:00-13:45	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
13:55-14:40	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
14:50-15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	

15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-I (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	

COM. 4 CARDIOVASCULAR SYSTEM / 8 WEEKS					
	LECTURES	FACULTY	THEO.	PRAC.	TOTAL
	HISTOLOGY -EMBRYOLOGY	NAZLI ECE ORDUERI, PhD, Assoc. Prof.	9	5	13
	ANATOMY	AHMET SINAV, MD, Prof.	10	8	18
	MEDICAL BIOCHEMISTRY	AHMET BELCE, PhD, Prof.	4		4
	PHARMACOLOGY	Prof. Dr. Atıla KARAALP	19		19
	PHYSIOLOGY	HASAN SERDAR GERGERLİOĞLU, PhD, MD, Prof. / İNCİ ALİCAN, MD, Prof.	18	8	26
	PATHOLOGY	DUYGU DUSMEZ APA MD, Prof.	12	2	14
	PEDIATRICS	Erol Kismet, MD, Prof.	5		5
	MICROBIOLOGY	M. DERYA AYDIN, MD, Prof.	6		6
	CARDIOLOGY	OKAY ABACI, MD. Assoc. Prof. CÜNEYT KOCAŞ, MD. Assoc. Prof.	11		11
	ICP	TUMAY SADIKOGLU, MD, Assist Prof.	0	2	2
	PBL	TUMAY SADIKOGLU, MD, Assist Prof.	5	0	5
			99	25	123

COM. 4 CARDIOVASCULAR SYSTEM (BASICS)/ WEEK I					
Feb 7 - 11, 2022	7.2.2022 MONDAY	8.2.2022 TUESDAY	9.2.2022 WEDNESDAY	10.2.2022 THURSDAY	11.2.2022 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	HISTOLOGY & EMBRYOLOGY Heart Histology NAZLI ECE ORDUERI	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY Artery And Vein Histology NAZLI ECE ORDUERI
11:15-12:00	MICROBIOLOGY Brucella, Streptobacillus, Pasteurella M. DERYA AYDIN	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY Heart Histology NAZLI ECE ORDUERI	MEETING WITH DEAN	HISTOLOGY & EMBRYOLOGY Artery And Vein Histology NAZLI ECE ORDUERI
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	ANATOMY Introduction to cardiovascular system AHMET SINAV	ANATOMY LAB: Heart AHMET SINAV GROUP I	HISTOLOGY & EMBRYOLOGY Heart Development NAZLI ECE ORDUERI	PHYSIOLOGY Physiological features of heart muscle İNCİ ALİCAN (ONLINE)	
13:55-14:40	ANATOMY Heart AHMET SINAV	ANATOMY LAB: Heart AHMET SINAV GROUP II	HISTOLOGY & EMBRYOLOGY Heart Development NAZLI ECE ORDUERI	PHYSIOLOGY Heart valves and heart sounds İNCİ ALİCAN (ONLINE)	ELECTIVE COURSES

14:50-15:35	ANATOMY Heart AHMET SINAV	INDEPENDENT LEARNING	VOLUNTEER STUDIES: TUMAY SADIKOGLU, D. SEMA ARICI	INDEPENDENT LEARNING	ELECTIVE COURSES
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-II (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-II (offline)
<b>COM. 4 CARDIOVASCULAR SYSTEM (BASICS)/ WEEK II</b>					
Feb 14 - 18, 2022	14.2.2022 MONDAY	15.2.2022 TUESDAY	16.2.2022 WEDNESDAY	17.2.2022 THURSDAY	18.2.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY Electrocardiography (ECG) principles HASAN SERDAR GERGERLIOĞLU
09:25-10:10	INDEPENDENT LEARNING	PHYSIOLOGY Cardiac cycle, conduction systems of the heart İNCİ ALİCAN (ONLINE)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY Electrocardiography (ECG) principles HASAN SERDAR GERGERLIOĞLU
10:20-11:05	INDEPENDENT LEARNING	PHYSIOLOGY Cardiac cycle, conduction systems of the heart İNCİ ALİCAN (ONLINE)	ANATOMY LAB:conduction system,great vessels and superior mediastinum AHMET SINAV GROUP I	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY Artery And Vein Development NAZLI ECE ORDUERI
11:15-12:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ANATOMY LAB:conduction system,great vessels and superior mediastinum AHMET SINAV GROUP II	INDEPENDENT LEARNING	HISTOLOGY & EMBRYOLOGY Artery And Vein Development NAZLI ECE ORDUERI
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	HISTOLOGY & EMBRYOLOGY LAB: Heart, Artery And Vein Histology NAZLI ECE ORDUERI GROUP I	ANATOMY Great vessels and superior mediastinum AHMET SINAV	HISTOLOGY & EMBRYOLOGY LAB: Heart, Artery And Vein Histology NAZLI ECE ORDUERI GROUP III	VOLUNTEER STUDIES: TUMAY SADIKOGLU, D. SEMA ARICI	
13:55-14:40	HISTOLOGY & EMBRYOLOGY LAB: Heart, Artery And Vein Histology NAZLI ECE ORDUERI GROUP I	ANATOMY Conduction system& innervation of heart AHMET SINAV	HISTOLOGY & EMBRYOLOGY LAB: Heart, Artery And Vein Histology NAZLI ECE ORDUERI GROUP III	MICROBIOLOGY Spor-forming bacteria: Clostridium, Bacillus M. DERYA AYDIN	ELECTIVE COURSES
14:50-15:35	HISTOLOGY & EMBRYOLOGY LAB: Heart, Artery And Vein Histology NAZLI ECE ORDUERI GROUP II	ANATOMY Cardiac vessels AHMET SINAV	HISTOLOGY & EMBRYOLOGY LAB: CVS Development (3D) NAZLI ECE ORDUERI (IN CLASS)	MICROBIOLOGY Spor-forming bacteria: Clostridium, Bacillus M. DERYA AYDIN	ELECTIVE COURSES
15:45-16:30	HISTOLOGY & EMBRYOLOGY LAB: Heart, Artery And Vein Histology NAZLI ECE ORDUERI GROUP II	INDEPENDENT LEARNING	MEDICAL RESEARCH - II YUSUF CELIK	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	MEDICAL RESEARCH - II YUSUF CELIK	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

17:35-18:20	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-II (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-II (offline)
<b>COM. 4 CARDIOVASCULAR SYSTEM (BASICS)/ WEEK III</b>					
Feb 21 - 25, 2022	21.2.2022 MONDAY	22.2.2022 TUESDAY	23.2.2022 WEDNESDAY	24.2.2022 THURSDAY	25.2.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	PHYSIOLOGY Interpretation of electrocardiography HASAN SERDAR GERGERLİOĞLU	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	PHYSIOLOGY Interpretation of electrocardiography HASAN SERDAR GERGERLİOĞLU	MEDICAL BIOCHEMISTRY Biochemical approach to cardiovascular diseases AHMET BELCE	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY An Overview of Circulatory System Physiology: Principles of Hemodynamics HASAN SERDAR GERGERLİOĞLU
11:15-12:00	VOLUNTEER STUDIES: TUMAY SADIKOGLU, D. SEMA ARICI	MEDICAL BIOCHEMISTRY Biochemical approach to cardiovascular diseases AHMET BELCE	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY An Overview of Circulatory System Physiology: Principles of Hemodynamics HASAN SERDAR GERGERLİOĞLU
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	ANATOMY Pericardium and anterior mediastinum AHMET SINAV	ANATOMY LAB: pericardium, aterior mediastinum, chest wall topography AHMET SINAV GROUP I	HISTOLOGY & EMBRYOLOGY CVS- Congenital Anomalies NAZLI ECE ORDUERI	INDEPENDENT LEARNING	
13:55-14:40	ANATOMY Topography of chest wall AHMET SINAV	ANATOMY LAB: pericardium, aterior mediastinum, chest wall topography AHMET SINAV GROUP II	MEDICAL BIOCHEMISTRY Biochemical approach to cardiovascular diseases AHMET BELCE	INDEPENDENT LEARNING	ELECTIVE COURSES
14:50-15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL BIOCHEMISTRY Serous Fluids: Pericardial Fluid AHMET BELCE	INDEPENDENT LEARNING	ELECTIVE COURSES
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL RESEARCH - II YUSUF CELIK	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	MEDICAL RESEARCH - II YUSUF CELIK	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-II (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-II (offline)

COM. 4 CARDIOVASCULAR SYSTEM (BASICS)/ WEEK IV					
Feb 28 - March 4, 2022	28.2.2022 MONDAY	1.3.2022 TUESDAY	2.3.2022 WEDNESDAY	3.3.2022 THURSDAY	4.3.2022 FRIDAY
08:30- 09:15	PHYSIOLOGY Neural control of circulation İNCİ ALİCAN (ONLINE)	PHYSIOLOGY Regulation of arterial pressure İNCİ ALİCAN (ONLINE)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY Circulation in special organs HASAN SERDAR GERGERLİOĞLU
09:25- 10:10	PHYSIOLOGY Neural control of circulation İNCİ ALİCAN (ONLINE)	PHYSIOLOGY Regulation of arterial pressure İNCİ ALİCAN (ONLINE)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY Circulation in special organs HASAN SERDAR GERGERLİOĞLU
10:20- 11:05	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY Regulation of blood flow, microcirculation HASAN SERDAR GERGERLİOĞLU
11:15- 12:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY Regulation of blood flow, microcirculation HASAN SERDAR GERGERLİOĞLU
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00- 13:45	ANATOMY Lymphoid circulation AHMET SINAV	ANATOMYLAB: General review AHMET SINAV GROUP 1	INDEPENDENT LEARNING	MICROBIOLOGY Rickettsia, Coxiella, Erlichia, Bartonella M. DERYA AYDIN	
13:55- 14:40	ANATOMY Fetal circulation AHMET SINAV	ANATOMYLAB: General review AHMET SINAV GROUP 2	VOLUNTEER STUDIES: TUMAY SADIKOGLU, D. SEMA ARICI	MICROBIOLOGY Rickettsia, Coxiella, Erlichia, Bartonella M. DERYA AYDIN	ELECTIVE COURSES
14:50- 15:35	INDEPENDENT LEARNING	MICROBIOLOGY Anaerobic Bacteria (Actinomyces, ..) M. DERYA AYDIN	VOLUNTEER STUDIES: TUMAY SADIKOGLU, D. SEMA ARICI	INDEPENDENT LEARNING	ELECTIVE COURSES
15:45- 16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL RESEARCH - II YUSUF CELİK	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40- 17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	MEDICAL RESEARCH - II YUSUF CELİK	PATHOLOGY Vascular wall response to injury, atherosclerosis and hypertension DUYGU DÜŞMEZ APA (ONLINE)	ONLINE LANGUAGE COURSE (GERMAN)
17:35- 18:20	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PATHOLOGY Vascular wall response to injury, atherosclerosis and hypertension DUYGU DÜŞMEZ APA (ONLINE)	Turkish Language-II (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-II (offline)
COM. 4 CARDIOVASCULAR SYSTEM (CLINICS)/ WEEK V					
March 7 - 11, 2022	7.3.2022 MONDAY	8.3.2022 TUESDAY	9.3.2022 WEDNESDAY	10.3.2022 THURSDAY	11.3.2022 FRIDAY
08:30- 09:15	INDEPENDENT LEARNING	PEDIATRICS Fetal circulation and neonatal adaptation EROL KISMET (ONLINE)		INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25- 10:10	PHARMACOLOGY Lipid-derived Autocoids Atila KARAALP	PEDIATRICS Approach to cardiovascular diseases in children-history and examination EROL KISMET (ONLINE)		INDEPENDENT LEARNING	INDEPENDENT LEARNING



13:00-13:45	NATIONAL DOCTORS DAY	INDEPENDENT LEARNING	CARDIOLOGY Anamnesis-Physical examination-(Cardiology) Palpitation, Hypertension, Hypotension, cyanosis, edema, chest pain symptoms and signs-symptoms OKAY ABACI	PHARMACOLOGY Angiotensins, Kinins and Nitric Oxide Atila KARAALP		
13:55-14:40		INDEPENDENT LEARNING	CARDIOLOGY Anamnesis-Physical examination-(Cardiology) Palpitation, Hypertension, Hypotension, cyanosis, edema, chest pain symptoms and signs-symptoms OKAY ABACI	PHARMACOLOGY Angiotensins, Kinins and Nitric Oxide Atila KARAALP	ELECTIVE COURSES	
14:50-15:35		VOLUNTEER STUDIES: TUMAY SADIKOGLU, D. SEMA ARICI	INDEPENDENT LEARNING		PHARMACOLOGY Antihypertensive Drugs Atila KARAALP	ELECTIVE COURSES
15:45-16:30		INDEPENDENT LEARNING	MEDICAL RESEARCH - II YUSUF CELIK		PHARMACOLOGY Antihypertensive Drugs Atila KARAALP	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25		INDEPENDENT LEARNING	MEDICAL RESEARCH - II YUSUF CELIK	INDEPENDENT LEARNING		ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20		INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING		Turkish Language-II (offline)
18:30 - 19:15		INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING		Turkish Language-II (offline)
<b>COM. 4 CARDIOVASCULAR SYSTEM (CLINICS)/ WEEK VII</b>						
March 21 - 25, 2021	21.3.2022 MONDAY	22.3.2022 TUESDAY	23.3.2022 WEDNESDAY	24.3.2022 THURSDAY	25.3.2022 FRIDAY	
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY LAB: ECG measurement GROUP II HASAN SERDAR GERGERLİOĞLU	INDEPENDENT LEARNING	PEDIATRICS Heart sounds and murmurs EROL KISMET (ONLINE)	
09:25-10:10	INDEPENDENT LEARNING	PBL SESSION 2 TUMAY SADIKOGLU GROUP 1	PHYSIOLOGY LAB: ECG measurement GROUP II HASAN SERDAR GERGERLİOĞLU	INDEPENDENT LEARNING	PEDIATRICS Heart sounds and murmurs EROL KISMET (ONLINE)	
10:20-11:05	PHARMACOLOGY Antiarrhythmic Drugs Atila KARAALP	PBL SESSION 2 TUMAY SADIKOGLU GROUP 2	PHARMACOLOGY Hypolipidemic Drugs Atila KARAALP	PHARMACOLOGY Antianginals and Peripheral Vasodilators Atila KARAALP	INDEPENDENT LEARNING	
11:15-12:00	PHARMACOLOGY Antiarrhythmic Drugs Atila KARAALP	PBL SESSION 2 TUMAY SADIKOGLU GROUP 3	PHARMACOLOGY Hypolipidemic Drugs Atila KARAALP	PHARMACOLOGY Antianginals and Peripheral Vasodilators Atila KARAALP	INDEPENDENT LEARNING	
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	
13:00-13:45	CARDIOLOGY Essential hypertension *-TT-A-K-I 1/2 CÜNEYT KOCAŞ	CARDIOLOGY Heart rhythm disorders *T-A-I 1/2 CÜNEYT KOCAŞ	CARDIOLOGY Heart failure *-T-A-K-İ CÜNEYT KOCAŞ	PHARMACOLOGY Drugs Used in the Treatment of Heart Failure Atila KARAALP		

13:55-14:40	CARDIOLOGY Essential hypertension *-TT-A-K-I 1/2 CÜNEYT KOCAŞ	CARDIOLOGY Heart rhythm disorders *T-A-I 1/2 CÜNEYT KOCAŞ	CARDIOLOGY Heart failure *-T-A-K-I CÜNEYT KOCAŞ	PHARMACOLOGY Drugs Used in the Treatment of Heart Failure Atila KARAALP	ELECTIVE COURSES
14:50-15:35	PATHOLOGY Vasculitis DUYGU DÜŞMEZ APA	INDEPENDENT LEARNING	VOLUNTEER STUDIES: TUMAY SADIKOGLU, D. SEMA ARICI	PATHOLOGY LAB: CVS DUYGU DÜŞMEZ APA	ELECTIVE COURSES
15:45-16:30	PATHOLOGY Vasculitis DUYGU DÜŞMEZ APA	INDEPENDENT LEARNING	MEDICAL RESEARCH - II YUSUF CELIK	PATHOLOGY LAB: CVS DUYGU DÜŞMEZ APA	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	MEDICAL RESEARCH - II YUSUF CELIK	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-II (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-II (offline)

**COM. 4 CARDIOVASCULAR SYSTEM (CLINICS)/ WEEK VIII**

March 28 - Apr 1, 2022	28.3.2022 MONDAY	29.3.2022 TUESDAY	30.3.2022 WEDNESDAY	31.3.2022 THURSDAY	1.4.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	COMMITTEE EXAM
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
10:20-11:05	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
11:15-12:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	
13:00-13:45	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
13:55-14:40	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
14:50-15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
16:40-17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
17:35-18:20	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
18:30 - 19:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	

**COM. 5 RESPIRATORY SYSTEM / 10 WEEKS**

LECTURES	FACULTY	THEO.	PRAC.	TOTAL
HISTOLOGY -EMBRYOLOGY	NAZLI ECE ORDUERI, PhD, Assoc. Prof.	9		9
ANATOMY	AHMET SINAV, MD, Prof.	9	10	19
MEDICAL BIOCHEMISTRY	AHMET BELCE, PhD, Prof.	7		7
PHARMACOLOGY	Prof. Dr. Atila KARAALP	9		9
PHYSIOLOGY	HASAN SERDAR GERGERLİOĞLU, MD, Prof. /İNCİ ALİCAN, MD, Prof.	10	4	10
PATHOLOGY	DUYGU DUSMEZ APA MD, Prof.	14	2	16
PULMONARY DISEASES	ZELİHA ULUKAN , MD,ASSOC. PROF.	12		12
PEDIATRICS	Erol Kismet, MD, Prof.	7		7





COM. 5 RESPIRATORY SYSTEM 1/ WEEK II BASICS					
Apr 11 - 15, 2022	11.4.2022 MONDAY	12.4.2022 TUESDAY	13.4.2022 WEDNESDAY	14.4.2022 THURSDAY	15.4.2022 FRIDAY
08:30-09:15	ANATOMY Larynx AHMET SINAV	ANATOMY Trachea and lungs AHMET SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	ANATOMY Larynx AHMET SINAV	ANATOMY Trachea and lungs AHMET SINAV	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	ANATOMY LAB: Larynx (Group 1) AHMET SINAV	ANATOMY LAB: Trachea and lungs (Group 1) AHMET SINAV	HISTOLOGY & EMBRYOLOGY Lower Respiratory Tract Histology NAZLI ECE ORDUERI	INDEPENDENT LEARNING	MICROBIOLOGY Chlamydomphila, Mycoplasma (ONLINE) M. DERYA AYDIN
11:15-12:00	ANATOMY LAB: Larynx (Group 2) AHMET SINAV	ANATOMY LAB: Trachea and lungs (Group 2) AHMET SINAV	HISTOLOGY & EMBRYOLOGY Lower Respiratory Tract Histology NAZLI ECE ORDUERI	HISTOLOGY & EMBRYOLOGY Clinical significance of blood-air barrier NAZLI ECE ORDUERI	MICROBIOLOGY Mycobacterium tuberculosis (ONLINE) M. DERYA AYDIN
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK
13:00-13:45	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL BIOCHEMISTRY Buffer Sysytems AHMET BELCE	
13:55-14:40	INDEPENDENT LEARNING	PHYSIOLOGY Physioanatomy of the respiratory system HASAN SERDAR GERGERLİOĞLU	INDEPENDENT LEARNING	MEDICAL BIOCHEMISTRY Buffer Sysytems AHMET BELCE	ELECTIVE COURSES
14:50-15:35	INDEPENDENT LEARNING	PHYSIOLOGY Respiratory mechanics HASAN SERDAR GERGERLİOĞLU	INDEPENDENT LEARNING	VOLUNTEER STUDIES: TUMAY SADIKOGLU, D. SEMA ARICI	ELECTIVE COURSES
15:45-16:30	INDEPENDENT LEARNING	PHYSIOLOGY Respiratory mechanics HASAN SERDAR GERGERLİOĞLU	MEDICAL RESEARCH - II YUSUF CELIK	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN) EXAM 16.00-16.30
16:40-17:25	ACADEMIC MENTORING TIME	PHYSIOLOGY Pulmonary circulation HASAN SERDAR GERGERLİOĞLU	MEDICAL RESEARCH - II YUSUF CELIK	INDEPENDENT LEARNING	INDEPENDENT LEARNING
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-II (offline)
18:30 - 19:15	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-II (offline)
COM. 5 RESPIRATORY SYSTEM 1/ WEEK III BASICS					
Apr 18 - 22, 2022	18.4.2022 MONDAY	19.4.2022 TUESDAY	20.4.2022 WEDNESDAY	21.4.2022 THURSDAY	22.4.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	PHYSIOLOGY Transport of respiratory gases across the alveolar membrane HASAN SERDAR GERGERLİOĞLU	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	ANATOMY Pleura& Chest topography AHMET SINAV	INDEPENDENT LEARNING	PHYSIOLOGY Transport of respiratory gases across the alveolar membrane HASAN SERDAR GERGERLİOĞLU	INDEPENDENT LEARNING	INDEPENDENT LEARNING









13:00-13:45	INDEPENDENT LEARNING	ICP IV Cannulation GROUP 1	VOLUNTEER STUDIES: TUMAY SADIKOGLU, D. SEMA ARICI	ATA - 13.00-13.30 TDI - 13.30-14.00 EXAM	
13:55-14:40	INDEPENDENT LEARNING	ICP IV Cannulation GROUP 2	PHARMACOLOGY Drugs Used in the Treatment of Tuberculosis Prof. Dr. Atila KARAALP	INDEPENDENT LEARNING	
14:50-15:35	INDEPENDENT LEARNING	ICP IV Cannulation GROUP 3	PHARMACOLOGY Drugs Used in the Treatment of Tuberculosis Prof. Dr. Atila KARAALP	INDEPENDENT LEARNING	
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	MEDICAL RESEARCH - II YUSUF CELIK	INDEPENDENT LEARNING	GERMAN EXAM 15:45
16:40-17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	MEDICAL RESEARCH - II YUSUF CELIK	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
17:35-18:20	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-II (offline)
18:30 -19:15	Principles of Atatürk and History of Turkish Revolution-II (offline)	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Turkish Language-II (offline)
<b>COM. 5 RESPIRATORY SYSTEM 2/ WEEK IX CLINICS</b>					
May 30- June 3 , 2022	30.5.2022 MONDAY	31.5.2022 TUESDAY	1.6.2022 WEDNESDAY	2.6.2022 THURSDAY	3.6.2022 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	COMMITTEE EXAM
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
10:20-11:05	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
11:15-12:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	
13:00-13:45	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
13:55-14:40	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
14:50-15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
16:40-17:25	ACADEMIC MENTORING TIME	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
17:35-18:20	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
18:30 -19:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	

### **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

## ENDOCRINE SYSTEM COMMITTEE

### AIM:

1. To provide students the knowledge, attitude and skills regarding the etiopathogenesis, symptoms, signs, clinical, laboratory and histopathological features of endocrine system diseases, as well as the general principles of diagnosis and treatment.

### LEARNING OBJECTIVES

At the end of this committee,

In terms of Basic Sciences the students;

1. Will be able to describe the embryological development of the pituitary, adrenal gland, thyroid and parathyroid, and in which period they differentiate,
2. Will be able to tell the anatomical and histological structure of all endocrine organs,
3. Will be able to explain the physiological function of all endocrine organs and their contribution to homeostatic control,
4. Will be able to explain the general mechanism of action and biochemical properties of hormones,

In terms of Clinical Sciences the students;

1. Will be able to explain the pathological features, etiopathogenesis of all endocrine system diseases. 2. Will be able to describe the symptoms, diagnostic methods and clinical findings of all endocrine system diseases.
3. Will be able to list the pharmacological properties of drugs used in all endocrine system diseases.
4. Will be able to evaluate laboratory findings in endocrine 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	3	1	2	1	1	1	1	2
LO2	3	1	1	1	1	1	1	1
LO3	3	1	2	1	1	1	2	2
LO4	3	1	2	1	1	1	1	2
LO5	5	1	3	1	2	2	2	2
LO6	5	1	3	1	2	2	3	3
LO7	5	1	1	1	2	2	3	3
LO8	5	1	2	1	2	2	3	2

## UROGENITAL SYSTEM COMMITTEE

### AIM

1. To gain general concepts and definitions, as well as skills and attitudes, including embryonic development, anatomical and histological structure and physiological functions of the urogenital system.
2. To gain knowledge, attitudes and skills about the structure, function and diseases of the urogenital system, and the symptoms, diagnosis and treatment of diseases of this system in general.

**In terms of Basic Sciences the students;**

1. Will be able to explain the embryological development of kidney, bladder, female and male reproductive system,
2. Will be able to describe the anatomical and histological structure of the kidney, female and male reproductive systems,
3. Will be able to define the functions of the kidney, female and male reproductive systems, list the mechanisms that provide control, and explain the effects of hormones,
4. Will be able to explain biochemical reactions related to urinary system, male and female genital system

**In terms of Clinical Sciences the students;**

5. Will be able to explain the fluid-electrolyte, acid-base balance disorders,
6. Will be able to explain the pathology, clinical approach and treatment of kidney and bladder diseases,
7. Will be able to explain the pathology, symptoms, clinical findings, diagnostic methods and treatment methods of the female and male genital system,
8. Will be able to explain the pathology, clinical approach, diagnosis and treatment methods of breast examination and diseases,

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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
<b>LO1</b>	3	1	1	1	1	1	2	2
<b>LO2</b>	3	1	1	1	1	1	2	2
<b>LO3</b>	3	1	1	1	1	1	2	2
<b>LO4</b>	3	1	1	1	1	1	2	2
<b>LO5</b>	5	1	2	1	2	2	2	2
<b>LO6</b>	5	1	3	1	2	2	2	3
<b>LO7</b>	5	1	3	1	2	2	3	3
<b>LO8</b>	5	1	4	1	2	2	3	3

**PUBLIC HEALTH and FAMILY MEDICINE COMMITTEE****AIM**

1. To gain all the necessary knowledge and skills in the field of public health and family medicine,
2. To gain the ability to take a general and problem-oriented history and to examine all systems in adult and pediatric patients.
3. To gain the ability to use rational drugs and write prescriptions in common and simple health problems,
4. To gain sufficient communication knowledge and skills with the patient. It is aimed to gain knowledge and skills at a level that can provide basic and advanced life support in emergency situations.
5. To participate in teamwork, to have basic knowledge of the ethical dimension of human experiments, research and publication ethics.

**LEARNING OBJECTIVES****At the end of this committee the students;**

1. Will be able to explain the public health practices related to pregnant, mother and child in Turkey,
2. Will be able to report primary health care services and health records and diseases in Turkey,
3. Will be able to realize the social determinants of health, old age and elderly health services.
4. Will have sufficient basic and clinical medicine knowledge,
5. Will be able to explain the pathogenesis, clinical and diagnostic features of diseases,

6. Will gain and apply basic clinical skills such as history-taking, examination, interventional skills and laboratory skills,
7. Will be able to apply basic medical interventions for the diagnosis and treatment of diseases,
8. Will be able to evaluate the clinical situations encountered in terms of patients and diseases in the clinical setting, and to choose appropriate diagnosis and treatment approaches,
9. Will be able to provide medical intervention and care in emergencies,
10. Will be able to perform preventive medicine and forensic medicine practices,
11. Will be able to explain the basic principles of prescribing.

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

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
<b>LO1</b>	5	3	3	2	4	3	2	3
<b>LO2</b>	5	3	5	3	4	4	3	3
<b>LO3</b>	5	4	4	2	3	3	3	3
<b>LO4</b>	5	3	3	3	3	2	2	2
<b>LO5</b>	4	3	3	2	2	1	3	3
<b>LO6</b>	5	4	4	2	4	3	3	3
<b>LO7</b>	5	4	4	2	3	3	3	3
<b>LO8</b>	5	4	4	2	3	3	3	3
<b>LO9</b>	5	4	4	3	3	3	3	3
<b>LO10</b>	5	4	5	4	3	3	3	3
<b>LO11</b>	5	4	4	2	3	3	3	4

**SKIN and SENSORIAL ORGANS COMMITTEE**

**AIM**

To gain knowledge, skills and attitudes towards the structure, function and cooperation mechanisms of the sense organs with other systems, as well as to learn the normal structure of the skin, its functional properties and its relations with other systems, in the accompaniment of clinical information.

**LEARNING OBJECTIVES**

**At the end of this committee the students;**

1. Will be able to explain the general anatomical structure and organization of the head and neck, as well as the histological structure and senses of head and neck development,
2. Will be able to define somatic senses, tactile and state senses, pain and thermal senses, sensory cortex, spinal cord and spinal reflexes, the functional mechanism of the reflex circuit and its clinical importance,
3. Will be able to describe the refractive structures of the eye and how the image is focused on the retina, visual receptors in the retina, color vision, adaptation to darkness, neural pathways emerging from the retina, the functions of the middle ear and outer ear, the features and functions of taste receptors and olfactory receptors, eye fund examination, color blindness test, will be able to identify changes in pupil diameter and use ophthalmoscope.
4. Will be able to explain the structure and functions of the skin,
5. Will be able to define the disorders that may occur in the skin,
6. Will be aware of the pre-learning needs of skin disorders before clinical internship training.

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

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
LO1	2	1	1	3	1	2	2	2	
LO2	2	1	1	3	1	2	2	2	
LO3	2	1	1	3	1	2	2	2	
LO4	3	1	1	3	2	3	2	4	
LO5	3	1	3	3	2	3	2	4	
LO6	3	1	3	3	2	3	2	4	

CENTRAL NERVOUS SYSTEM-1 COMMITTEE (5 WEEKS; OCTOBER 4- NOVEMBER 5)				
LECTURE	LECTURER	THEORETICAL	PRACTICE	TOTAL
Anatomy	Prof. Dr. Ahmet Sinav	18	8	26
Medical Biochemistry	Prof.Dr.Ahmet Belce	5		5
Histology and Embryology	Asst.Prof. Dr. Nazlı Ece ORDUERİ	15	2	17
Physiology	Prof.Dr.Serdar GERGERLİOĞLU	17		17
Microbiology	Prof. Dr. M.Derya Aydın	13		13
		68	10	
TOTAL				78

CENTRAL NERVOUS SYSTEM-1 / WEEK I						
OCT 4 - OCT 8	4.10.2021 MONDAY	5.10.2021 TUESDAY	6.10.2021 WEDNESDAY	7.10.2021 THURSDAY	8.10.2021 FRIDAY	
08:30-09:15	OPENING CEREMONY	INDEPENDENT LEARNING	Spinal cord (external anatomic features) ANATOMY Ahmet Sinav Face to Face	General Characteristics and Development of the Nervous System HISTOLOGY Nazlı Ece Ordueri Face to Face	INDEPENDENT LEARNING	
09:25-10:10		INDEPENDENT LEARNING		Central Nervous System Connective Tissue HISTOLOGY Nazlı Ece Ordueri Face to Face	INDEPENDENT LEARNING	
10:20-11:05		Introduction to nervous system & base of cranium ANATOMY Ahmet Sinav Face to Face	Spinal cord (external anatomic features) ANATOMY LAB Ahmet Sinav Face to Face	Rubella virus, Parvovirus B19 MICROBIOLOGY M.Derya Aydın Face to Face	INDEPENDENT LEARNING	
11:15-12:00				INDEPENDENT LEARNING	INDEPENDENT LEARNING	
		BREAK				
13:00-13:45			Herpesviruses, Poxviruses MICROBIOLOGY M.Derya Aydın Face to Face	Human Papilloma Virus MICROBIOLOGY M.Derya Aydın Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING
13:55-14:40				Childhood Viruses: Measles Virus, Mumps Virus MICROBIOLOGY M.Derya Aydın Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING
14:50-15:35			INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
15:45-16:30			INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25			INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

CENTRAL NERVOUS SYSTEM-1 / WEEK II					
OCT 11 - OCT 15	11.10.2021 MONDAY	12.10.2021 TUESDAY	13.10.2021 WEDNESDAY	14.10.2021 THURSDAY	15.10.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Diencephalon ANATOMY Ahmet Sinav Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	Brain stem (medulla) ANATOMY Ahmet Sinav Face to Face	INDEPENDENT LEARNING	Motor system ANATOMY Ahmet Sinav Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	Brain stem (Pons) ANATOMY Ahmet Sinav Face to Face	Cerebrum (external anatomy)		Blood-Brain Barrier HISTOLOGY Nazlı Ece Ordueri Face to Face	INDEPENDENT LEARNING

11:15-12:00	Brain stem (Mesencephalon) ANATOMY Ahmet Sinav Face to Face	ANATOMY Ahmet Sinav Face to Face	Basal ganglia ANATOMY Ahmet Sinav Face to Face	Cerebrum Development HISTOLOGY Nazlı Ece Ordueri Face to Face	INDEPENDENT LEARNING
<b>BREAK</b>					
13:00-13:45	Brain stem ANATOMY LAB Ahmet Sinav Face to Face	Cerebrum ANATOMY LAB Ahmet Sinav Face to Face	Cerebrum Special Histology HISTOLOGY Nazlı Ece Ordueri Face to Face	Arbo and other animal-derived viruses MICROBIOLOGY M.Derya Aydın Face to Face	INDEPENDENT LEARNING
13:55-14:40	Human Immunodeficiency Virus MICROBIOLOGY M.Derya Aydın	Sensory system ANATOMY Ahmet Sinav Face to Face	INDEPENDENT LEARNING		INDEPENDENT LEARNING
14:50-15:35					ONLINE LANGUAGE COURSE (GERMAN)
15:45-16:30					ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25					ONLINE LANGUAGE COURSE (GERMAN)
<b>CENTRAL NERVOUS SYSTEM-1 / WEEK III</b>					
<b>OCT 18 - OCT 22</b>	<b>18.10.2021 MONDAY</b>	<b>19.10.2021 TUESDAY</b>	<b>20.10.2021 WEDNESDAY</b>	<b>21.10.2021 THURSDAY</b>	<b>22.10.2021 FRIDAY</b>
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Cerebrospinal fluid HISTOLOGY Nazlı Ece Ordueri Face to Face	INDEPENDENT LEARNING
10:20-11:05	Cerebellum ANATOMY Ahmet Sinav Face to Face	Cerebellum ANATOMY LAB Ahmet Sinav Face to Face	Limbic system&white matter of brain ANATOMY Ahmet Sinav	PSS Special Histology and Development HISTOLOGY Nazlı Ece Ordueri	Cortex functions and motor planning PHYSIOLOGY Hasan Serdar GERGERLİOĞLU
11:15-12:00					
<b>BREAK</b>					
13:00-13:45	Cerebellum Special Histology HISTOLOGY Nazlı Ece Ordueri	Organization of the nervous system PHYSIOLOGY Hasan Serdar	Medulla Spinalis Special Histology HISTOLOGY Nazlı Ece Ordueri	Spinal cord and spinal reflexes PHYSIOLOGY Hasan Serdar GERGERLİOĞLU Face to Face	INDEPENDENT LEARNING
13:55-14:40					INDEPENDENT LEARNING
14:50-15:35	Prions + Slow virus Diseases MICROBIOLOGY M.Derya Aydın Face to Face	Cerebellum Development EMBRYOLOGY Nazlı Ece Ordueri Face to Face	Medulla Spinalis Development EMBRYOLOGY Nazlı Ece Ordueri Face to Face	Rare pathogenic viruses MICROBIOLOGY M.Derya Aydın Face to Face	INDEPENDENT LEARNING
15:45-16:30		INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>CENTRAL NERVOUS SYSTEM-1 / WEEK IV</b>					
<b>OCT 25 - OCT 29</b>	<b>25.10.2021 MONDAY</b>	<b>26.10.2021 TUESDAY</b>	<b>27.10.2021 WEDNESDAY</b>	<b>28.10.2021 THURSDAY</b>	<b>29.10.2021 FRIDAY</b>
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Learning and memory PHYSIOLOGY Hasan Serdar GERGERLİOĞLU Face to Face	INDEPENDENT LEARNING	
10:20-11:05	MSS-PSS HISTOLOGY LAB Nazlı Ece Ordueri Face to Face	INDEPENDENT LEARNING		INDEPENDENT LEARNING	
11:15-12:00		INDEPENDENT LEARNING	INDEPENDENT LEARNING		
<b>BREAK</b>					
13:00-13:45	Neurotransmitters: Structure and Function BIOCHEMISTRY	Thalamus, limbic system, hypothalamus physiology PHYSIOLOGY	Cerebral blood flow and cerebrospinal fluid (CSF) physiology PHYSIOLOGY Hasan Serdar GERGERLİOĞLU Face to Face	Autonomic nervous system PHYSIOLOGY	<b>NATIONAL DAY</b>



13:55-14:40	BIOCHEMISTRY Ahmet Belce Face to Face	PHYSIOLOGY Hasan Serdar GERGERLIOĞLU	Electroencephalography (EEG) and sleep physiology PHYSIOLOGY Hasan Serdar GERGERLIOĞLU Face to Face	Hasan Serdar GERGERLIOĞLU Face to Face	
14:50-15:35	Brain stem, cerebellum and basal ganglia physiology PHYSIOLOGY Hasan Serdar GERGERLIOĞLU Face to Face	INDEPENDENT LEARNING	CSF Biochemistry BIOCHEMISTRY Ahmet Belce Face to Face	Biochemistry of neurodegenerative diseases BIOCHEMISTRY Ahmet Belce Face to Face	
15:45-16:30		INDEPENDENT LEARNING	INDEPENDENT LEARNING		
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	

CENTRAL NERVOUS SYSTEM-1 / WEEK V					
NOV 1 - NOV 5	1.11.2021 MONDAY	2.11.2021 TUESDAY	3.11.2021 WEDNESDAY	4.11.2021 THURSDAY	5.11.2021 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					
CENTRAL NERVOUS SYSTEM- 2 COMMITTEE (6 WEEKS; NOVEMBER 8-DECEMBER 17)					
LECTURE	LECTURER	THEORETICAL	PRACTICE	TOTAL	
Anatomy	Prof. Dr. Ahmet SINAV Prof. Dr. M.Bülent ÖZDEMİR	13	10	23	
Psychiatry	Asst.Prof.Dr. Sena YENEL	9		9	
Microbiology	Prof. Dr. M.Derya AYDIN	12		12	
Pathology	Prof. Dr. Duygu DÜŞMEZ APA Prof. Dr. Sema Dilek ARICI	16	2	18	
Pediatrics	Prof. Dr. Erol KISMET	6		6	
Neurology	Asst.Prof.Dr. Pınar ÖZÇELİK	9		9	
Pharmacology	Prof. Dr. Zeliha YAZICI Asst.Prof.Dr. Serkan AVŞAR	30		30	
TOTAL		95	12	107	
CENTRAL NERVOUS SYSTEM-2 / WEEK I					
NOV 8 - NOV 12	8.11.2021 MONDAY	9.11.2021 TUESDAY	10.11.2021 WEDNESDAY	11.11.2021 THURSDAY	12.11.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Cranial nerves (1-6) ANATOMY M.Bülent Özdemir Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	Cerebral Edema, Hydrocephalus, Raised Intracranial Pressure, and Herniation PATHOLOGY Duygu Düşmez Apa Face to Face	INDEPENDENT LEARNING		Central Nervous System Trauma PATHOLOGY Duygu Düşmez Apa Face to Face	Respiratory Syncytial Virus, Human Metapneumovirus MICROBIOLOGY M.Derya Aydın Online
10:20-11:05		Brain ventricles & CSF ANATOMY Ahmet Sinav Face to Face	Cranial nerves (7-12) ANATOMY M.Bülent Özdemir Face to Face	Neoplasms of the Central Nervous System PATHOLOGY Duygu Düşmez Apa Face to Face	Neuromotor development and evaluation in infants and children-THU PEDIATRICS Erol Kismet Online
11:15-12:00	Cerebrovascular Disease PATHOLOGY Duygu Düşmez Apa Face to Face	Vessels of CNS ANATOMY Ahmet Sinav Face to Face			
BREAK					
13:00-13:45	Hypothalamus & Hypophysis	Autonomic nervous system ANATOMY LAB	Psychiatric Examination and Symptomatology	Respiratory viruses MICROBIOLOGY M.Derya Aydın Face to Face	INDEPENDENT LEARNING

13:55-14:40	ANATOMY Ahmet Sinav Face to Face	ANATOMY LAB Ahmet Sinav Face to Face	Symptomatology - Symptom/THU PSYCHIATRY Sena Yenel Online	Influenza Virus, Parainfluenza Virus MICROBIOLOGY M.Derya Aydın Face to Face	INDEPENDENT LEARNING
14:50-15:35	Autonomic nervous system ANATOMY Ahmet Sinav Face to Face	Vessels, sinuses, meninges and CSF ANATOMY LAB Ahmet Sinav	Cranial nerves (1-6) ANATOMY LAB M.Bülent Özdemir Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING
15:45-16:30	Meninges & venous sinuses ANATOMY Ahmet Sinav Face to Face	INDEPENDENT LEARNING		INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25				INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

**CENTRAL NERVOUS SYSTEM-2 / WEEK II**

NOV 15 - NOV 19	15.11.2021 MONDAY	16.11.2021 TUESDAY	17.11.2021 WEDNESDAY	18.11.2021 THURSDAY	19.11.2021 FRIDAY
08:30-09:15	INDEPENDENT LEARNING	Cranial nerves (7-12) ANATOMY LAB M.Bülent Özdemir Face to Face	Taste and smell ANATOMY M.Bülent Özdemir Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	INDEPENDENT LEARNING			INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	Coronavirus, Rhinovirus, Adenovirus MICROBIOLOGY M.Derya Aydın	Introduction to Autonomic Pharmacology; neurotransmitters and cholinergic, adrenergic, non-	Central Nervous System Infections PATHOLOGY Dilek Sema Arıcı	INDEPENDENT LEARNING	Neurological and musculoskeletal examination in childhood age groups-THU PEDIATRICS
11:15-12:00				INDEPENDENT LEARNING	

**BREAK**

13:00-13:45	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Enteric viruses MICROBIOLOGY M.Derya Aydın Online	Semiology in Neurology NEUROLOGY Pınar Özçelik Online	INDEPENDENT LEARNING
13:55-14:40	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Norovirus, Rotavirus MICROBIOLOGY M.Derya Aydın Online		INDEPENDENT LEARNING
14:50-15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	The Concept of Anxiety PSYCHIATRY Sena Yenel Online	Parasympathomimetics, cholinesterase inhibitors and reactivators PHARMACOLOGY Serkan Avcı Online	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Anxiety Disorders PSYCHIATRY Sena Yenel Online		ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

**CENTRAL NERVOUS SYSTEM-2 / WEEK III**

NOV 22 - NOV 26	22.11.2021 MONDAY	23.11.2021 TUESDAY	24.11.2021 WEDNESDAY	25.11.2021 THURSDAY	26.11.2021 FRIDAY
08:30-09:15	Parasympatholytics and ganglion blockers PHARMACOLOGY Serkan Avcı Face to Face	Adrenergic agents and their use in treatment PHARMACOLOGY Serkan Avcı Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Approach to the patient with headache (Migraine, Tension Type Headache) NEUROLOGY Pınar Özçelik Online
09:25-10:10			Introduction to Central Nervous System Drugs PHARMACOLOGY Serkan Avcı Face to Face	INDEPENDENT LEARNING	Cognitive (cognitive) disorder (Dementia) (Alzheimer's) NEUROLOGY Pınar Özçelik Online
10:20-11:05	Neurodegenerative Diseases	Sympatholytic drugs and their use in treatment	Anxiolytic, Sedative, Hypnotic Drugs	Poliovirus, Coxsackie Virus MICROBIOLOGY M.Derya Aydın Face to Face	Epilepsy in Children PEDIATRICS

11:15-12:00	<b>PATHOLOGY</b> Dilek Sema Arıcı Face to Face	<b>PHARMACOLOGY</b> Serkan Aşar Face to Face	<b>PHARMACOLOGY</b> Serkan Aşar Face to Face	Echovirus, Other Enteroviruses <b>MICROBIOLOGY</b> M.Derya Aydın Face to Face	<b>PEDIATRICS</b> Erol Kismet Online
<b>BREAK</b>					
13:00-13:45	<b>Neurodegenerative Diseases</b> <b>PATHOLOGY</b> Dilek Sema Arıcı Face to Face	<b>Diseases of Skeletal Muscle</b> <b>PATHOLOGY</b> Duygu Düşmez Apa Face to Face	Concept of Depression <b>PSYCHIATRY</b> Sena Yenel Online	<b>Antidepressant Drugs</b> <b>PHARMACOLOGY</b> Serkan Aşar Face to Face	INDEPENDENT LEARNING
13:55-14:40	General review <b>ANATOMY LAB</b> Ahmet Sınay Face to Face		Major Depressive Disorder <b>PSYCHIATRY</b> Sena Yenel Online		INDEPENDENT LEARNING
14:50-15:35		<b>Diseases of Peripheral Nerves</b> <b>PATHOLOGY</b> Dilek Sema Arıcı Face to Face	INDEPENDENT LEARNING	<b>Antimanic Drugs</b> <b>PHARMACOLOGY</b> Serkan Aşar Face to Face	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING		INDEPENDENT LEARNING	<b>CNS Stimulants and Psychotomimetic Drugs</b> <b>PHARMACOLOGY</b> Serkan Aşar Face to Face	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

**CENTRAL NERVOUS SYSTEM-2 / WEEK IV**

NOV 29 - DEC 03	29.11.2021 MONDAY	30.11.2021 TUESDAY	01.12.2021 WEDNESDAY	02.12.2021 THURSDAY	03.12.2021 FRIDAY
08:30-09:15	Drugs Used in Alzheimer's Treatment <b>PHARMACOLOGY</b> Serkan Aşar Face to Face	Opioid Analgesics and Antagonists <b>PHARMACOLOGY</b> Serkan Aşar Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	Drugs Used in Parkinson's Treatment <b>PHARMACOLOGY</b> Serkan Aşar Face to Face		Local Anesthetics <b>PHARMACOLOGY</b> Serkan Aşar Face to Face	<b>CNS</b> <b>PATHOLOGY LAB</b> Duygu Düşmez Apa Face to Face	INDEPENDENT LEARNING
10:20-11:05	Alcohols and Alcohol Intoxication <b>PHARMACOLOGY</b> Zeliha Yazıcı	General Anesthetics <b>PHARMACOLOGY</b> Serkan Aşar Face to Face	Antiepileptic Drugs <b>PHARMACOLOGY</b> Serkan Aşar Face to Face		INDEPENDENT LEARNING
11:15-12:00				INDEPENDENT LEARNING	INDEPENDENT LEARNING

**BREAK**

13:00-13:45	<b>Hepatitis viruses: HAV,HBV,HCV,HDV,HEV,HGV</b> <b>MICROBIOLOGY</b> M.Derya Aydın Face to Face	Consciousness changes (Syncope, Epilepsy) <b>NEUROLOGY</b> Pınar Özçelik Online	Neurocognitive Disorders and Delirium <b>PSYCHIATRY</b> Sena Yenel Online	Stroke (Transient Ischemic Attack) <b>NEUROLOGY</b> Pınar Özçelik Online	INDEPENDENT LEARNING
13:55-14:40		Problems with balance and movement <b>NEUROLOGY</b> Pınar Özçelik Online	Neurocognitive Disorders <b>PSYCHIATRY</b> Sena Yenel Online	Stroke (Intracranial Hemorrhage) <b>NEUROLOGY</b> Pınar Özçelik Online	INDEPENDENT LEARNING
14:50-15:35		Myasthenia Gravis and Cholinergic Crisis <b>NEUROLOGY</b> Pınar Özçelik Online	INDEPENDENT LEARNING	<b>Neuroleptic Drugs</b> <b>PHARMACOLOGY</b> Serkan Aşar Online	INDEPENDENT LEARNING
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING		ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

**CENTRAL NERVOUS SYSTEM-2 / WEEK V**

DEC 06 - DEC 10	06.12.2021 MONDAY	07.12.2021 TUESDAY	08.12.2021 WEDNESDAY	09.12.2021 THURSDAY	10.12.2021 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					
13:55- 14:40					
14:50- 15:35					
15:45- 16:30					
16:40- 17:25					

**CENTRAL NERVOUS SYSTEM-2 / WEEK VI**

DEC 13 - DEC 17	13.12.2021 MONDAY	14.12.2021 TUESDAY	15.12.2021 WEDNESDAY	16.12.2021 THURSDAY	17.12.2021 FRIDAY
08:30- 09:15	PBL WEEK				
09:25- 10:10					
10:20- 11:05					
11:15- 12:00					
BREAK					
13:00- 13:45					
13:55- 14:40					
14:50- 15:35					
15:45- 16:30					
16:40- 17:25					

**ENDOCRINE SYSTEM COMMITTEE (5 WEEKS; December 20 -January 21 )**

	LECTURE	LECTURER	THEORETICAL	PRACTICE	TOTAL
	Anatomy	Prof. Dr. Ahmet SINAV	3	2	5
	Medical Biochemistry	Prof.Dr.Ahmet BELCE	28	2	30
	Histology and Embryology	Assoc.Prof.Dr.Nazlı Ece Ordueri	13		13
	Physiology	Prof. Dr. Hasan Serdar GERGERLİOĞLU	12		12
	Medical Pathology	Prof. Dr. Sema Dilek ARICI	12		12
	Medical Pharmacology	/Prof. Dr. Zeliha YAZICI Asst.Prof.Dr. Serkan AVŞAR	19		19
	USMLE	Asst.Prof.Dr. Tümay SADIKOĞLU		2	2
	Introduction to Clinical Practice (ICP)	Asst.Prof.Dr. Tümay SADIKOĞLU		4	4
	Pediatrics	Prof. Dr. Erol KISMET	8		8
	Endocrinology	Prof. Dr. Nujen Çolak BOZKURT	5		5

TOTAL		100			110	
220						
ENDOCRINE SYSTEM COMMITTEE / WEEK I						
DEC 20 - DEC 24	20.12.2021 Monday	21.12.2021 Tuesday	22.12.2021 Wednesday	23.12.2021 Thursday	24.12.2021 Friday	
08:30-09:15	INDEPENDENT LEARNING	Hypothalamus and pituitary hormones PHYSIOLOGY Hasan Serdar GERGERLİOĞLU Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Endocrine Pancreas Histology and Development EMBRYOLOGY NAZLI ECE ORDUERİ Online	
09:25-10:10	Anatomy of endocrine system ANATOMY Ahmet Sinav Face to Face		INDEPENDENT LEARNING	INDEPENDENT LEARNING		
10:20-11:05	Thyroid and parathyroid glands ANATOMY Ahmet Sinav Face to Face	Endocrine System ANATOMY LAB Ahmet Sinav Face to Face	INDEPENDENT LEARNING	Adrenal Gland Histology and Development EMBRYOLOGY NAZLI ECE ORDUERİ Face to Face	Endocrine system examination-symptoms and signs PEDIATRICS Erol Kismet Online	
11:15-12:00	Suprarenal gland ANATOMY Ahmet Sinav Face to Face		INDEPENDENT LEARNING			
BREAK						
13:00-13:45	Pituitary Gland Histology and Development EMBRYOLOGY NAZLI ECE ORDUERİ	Pineal Gland Histology and Development EMBRYOLOGY NAZLI ECE ORDUERİ	Hypothalamus hormones and associated endocrine tests MEDICAL BIOCHEMISTRY	Thyroid hormones physiology PHYSIOLOGY Hasan Serdar GERGERLİOĞLU Face to Face	INDEPENDENT LEARNING	
13:55-14:40					INDEPENDENT LEARNING	
14:50-15:35	Introduction to endocrinology and mechanism of action of hormones	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Pituitary hormones and associated endocrine tests MEDICAL BIOCHEMISTRY Ahmet BELCE Face to Face	INDEPENDENT LEARNING	
15:45-16:30		INDEPENDENT LEARNING	Thyroid and Parathyroid Glands Histology and Development EMBRYOLOGY NAZLI ECE ORDUERİ Face to Face		ONLINE LANGUAGE COURSE (GERMAN)	
16:40-17:25	Hormones : General properties MEDICAL BIOCHEMISTRY Ahmet BELCE	INDEPENDENT LEARNING			ONLINE LANGUAGE COURSE (GERMAN)	
ENDOCRINE SYSTEM COMMITTEE / WEEK II						
DEC 27 - DEC 31	27.12.2021 Monday	28.12.2021 Tuesday	29.12.2021 Wednesday	30.12.2021 Thursday	31.12.2021 Friday	
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Assessment of growth in children PEDIATRICS Erol Kismet Online	
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING		
10:20-11:05	INDEPENDENT LEARNING	Thyroid hormones and associated endocrine tests I MEDICAL BIOCHEMISTRY	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Pancreatic hormones and associated endocrine tests MEDICAL BIOCHEMISTRY	
11:15-12:00	INDEPENDENT LEARNING		INDEPENDENT LEARNING	INDEPENDENT LEARNING		
BREAK						
13:00-13:45	Adrenocortical hormone physiology PHYSIOLOGY Hasan Serdar	Pancreatic hormones physiology PHYSIOLOGY Hasan Serdar	Thyroid hormones and associated endocrine tests II	Hormones regulating calcium-phosphate metabolism PHYSIOLOGY Hasan Serdar GERGERLİOĞLU	INDEPENDENT LEARNING	
13:55-14:40					INDEPENDENT LEARNING	
14:50-15:35	Diffuse Neuroendocrine system (DNES) HISTOLOGY NAZLI ECE ORDUERİ Online	ICP Suture techniques Tümay SADIKOĞLU LAB Face to Face	INDEPENDENT LEARNING	Hormones regulating calcium-phosphate metabolism and associated endocrine tests MEDICAL BIOCHEMISTRY Ahmet BELCE Face to Face	INDEPENDENT LEARNING	
15:45-16:30	Endocrine System HISTOLOGY LAB NAZLI ECE ORDUERİ Online		INDEPENDENT LEARNING		ONLINE LANGUAGE COURSE (GERMAN)	
16:40-17:25		INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)	
ENDOCRINE SYSTEM COMMITTEE / WEEK III						
JAN 03 - JAN 07	3.1.2022 Monday	4.1.2022 Tuesday	5.1.2022 Wednesday	6.1.2022 Thursday	7.1.2022 Friday	

08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	GIS Hormones MEDICAL BIOCHEMISTRY Ahmet BELCE Online	INDEPENDENT LEARNING	Adrenal Cortex Hormones and associated endocrine tests MEDICAL BIOCHEMISTRY Ahmet BELCE Online
09:25-10:10	Introduction to Endocrine Pharmacology PHARMACOLOGY Serkan Avcı Face to Face	INDEPENDENT LEARNING	Adipocyte Hormones and associated endocrine tests MEDICAL BIOCHEMISTRY Ahmet BELCE Online	Adrenal Medulla Hormones and associated endocrine tests MEDICAL BIOCHEMISTRY Ahmet BELCE Face to Face	
10:20-11:05	Hypothalamus and Pituitary Hormones and Inhibitors PHARMACOLOGY Serkan Avcı Face to Face	Adrenal Cortex Hormones and Inhibitors PHARMACOLOGY Serkan Avcı Face to Face	History taking and physical examination in endocrine system ENDOCRINOLOGY Nujen Çolak BOZKURT Online		Approach to short stature in children PEDIATRICS Erol Kismet Online
11:15-12:00			Hypothyroidism and thyroiditis ENDOCRINOLOGY Nujen Çolak BOZKURT Online		
<b>BREAK</b>					
13:00-13:45	Diseases of the Pituitary PATHOLOGY Dilek Sema Arıcı Face to Face	USMLE USMLE Tümay SADIKOĞLU Face to Face	Thyroid Hormones and Antithyroid Drugs PHARMACOLOGY Serkan Avcı	Thyroid Hormones and Antithyroid Drugs I PHARMACOLOGY Serkan Avcı	INDEPENDENT LEARNING
13:55-14:40					INDEPENDENT LEARNING
14:50-15:35	Laboratory Tests in Diabetes MEDICAL BIOCHEMISTRY	OGTT and fingertip blood glucose measurement MEDICAL BIOCHEMISTRY	Diseases of the Adrenal PATHOLOGY Dilek Sema Arıcı Online	Non neoplastic Diseases of the Thyroid PATHOLOGY Dilek Sema Arıcı	INDEPENDENT LEARNING
15:45-16:30					
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>ENDOCRINE SYSTEM COMMITTEE / WEEK IV</b>					
JAN 10 - JAN 14	10.1.2022 Monday	11.1.2022 Tuesday	12.1.2022 Wednesday	13.1.2022 Thursday	14.1.2022 Friday
08:30-09:15	INDEPENDENT LEARNING	Integration of Metabolism - Absorptive state MEDICAL BIOCHEMISTRY Ahmet BELCE Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10	INDEPENDENT LEARNING		Diabetes mellitus -diagnosis and classification ENDOCRINOLOGY Nujen Çolak BOZKURT	INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05	Thyroid Hormones and Antithyroid Drugs II PHARMACOLOGY Serkan Avcı	Drugs Affecting Bone Mineral Homeostasis PHARMACOLOGY ZELIHA YAZICI	Diabetes mellitus and its complications ENDOCRINOLOGY Nujen Çolak BOZKURT	INDEPENDENT LEARNING	Puberty and pubertal disorders PEDIATRICS Erol Kismet Online
11:15-12:00				INDEPENDENT LEARNING	
<b>BREAK</b>					
13:00-13:45	Neoplastic Diseases of the Thyroid PATHOLOGY Dilek Sema Arıcı	INDEPENDENT LEARNING	Integration of Metabolism - Fasting MEDICAL BIOCHEMISTRY	Drugs Used in the Treatment of Obesity PHARMACOLOGY ZELIHA YAZICI	INDEPENDENT LEARNING
13:55-14:40		INDEPENDENT LEARNING			
14:50-15:35	Examination of thyroid gland Breast examination ICP	Diseases of the Parathyroid PATHOLOGY Dilek Sema Arıcı Online	Insulin and Oral Antidiabetic Drugs PHARMACOLOGY Zeliha YAZICI Face to Face	Diseases of the Endocrine Pancreas PATHOLOGY Dilek Sema Arıcı	INDEPENDENT LEARNING
15:45-16:30					
16:40-17:25	Renin Angiotensin System MEDICAL BIOCHEMISTRY Ahmet BELCE Face to Face	INDEPENDENT LEARNING		INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>ENDOCRINE SYSTEM COMMITTEE / WEEK V</b>					

JAN 17 - JAN 21	17.1.2022 Monday	18.1.2022 Tuesday	19.1.2022 Wednesday	20.1.2022 Thursday	21.1.2022 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					
13:55-14:40					
14:50-15:35					
15:45-16:30					
16:40-17:25					

UROGENITAL SYSTEM (6 WEEKS; FEBRUARY 7 - MARCH 18 )				
LECTURE	LECTURER	THEORETICAL	PRACTICE	TOTAL
Anatomy	Prof. Dr. Ahmet SINAV Prof. Dr. M. Bülent ÖZDEMİR	18	11	29
Medical Biochemistry	Prof. Dr. Ahmet BELCE	13		13
Histology and Embryology	Assoc. Prof. Dr. Nazlı Ece Ordueri	12	4	16
Physiology	Prof. Dr. Hasan Serdar GERGERLİOĞLU	14		14
Medical Pathology	Prof. Dr. Duygu D. APA Prof. Dr. D. Sema ARICI	30	6	36
Pediatrics	Prof. Dr. Erol KISMET	2		2
Nephrology	Prof. Dr. Özlem HARMANKAYA KAPTANOĞULLARI	5		5
Gynecology and Obstetrics	Prof. Dr. Yavuz ŞİMŞEK	9		9
Urology	Prof. Dr. Levend ÖZKAN Prof. Dr. Kemal SARICA	6		6
USMLE	Asst. Prof. Dr. Tümay SADIKOĞLU			
Introduction to Clinical Practice (ICP)	Asst. Prof. Dr. Tümay SADIKOĞLU	0	4	4
Medical Pharmacology	Asst. Prof. Dr. Serkan AVŞAR	2	25	27
TOTAL		111		161

UROGENITAL SYSTEM COMMITTEE/ WEEK 1					
FEB 07 - FEB 11	7.2.2022 Monday	8.2.2022 Tuesday	9.2.2022 Çarşamba	10.2.2022 Thursday	11.2.2022 Friday
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Retroperitoneal space ANATOMY M. Bülent ÖZDEMİR Face to Face	INDEPENDENT LEARNING	Urinary System Development HISTOLOGY Nazlı Ece ORDUERİ Online
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING		Urinary System Histology HISTOLOGY Nazlı Ece ORDUERİ Online	
10:20-11:05	INDEPENDENT LEARNING	Introduction to pelvic organs ANATOMY M. Bülent ÖZDEMİR Face to Face	Upper urinary tract ANATOMY M. Bülent ÖZDEMİR Face to Face		INDEPENDENT LEARNING
11:15-12:00	INDEPENDENT LEARNING			INDEPENDENT LEARNING	INDEPENDENT LEARNING
BREAK					
13:00-13:45	INDEPENDENT LEARNING	Pelvis overview ANATOMY M. Bülent ÖZDEMİR Face to Face	Retroperitoneal space ANATOMY LAB M. Bülent ÖZDEMİR Face to Face	Renal function tests I BIOCHEMISTRY Ahmet BELCE Online	INDEPENDENT LEARNING
13:55-14:40	INDEPENDENT LEARNING				ELECTIVE COURSES



14:50-15:35	INDEPENDENT LEARNING	Pelvis overview ANATOMY LAB M.Bülent ÖZDEMİR Face to Face	Upper urinary tract ANATOMY LAB M.Bülent ÖZDEMİR Face to Face	INDEPENDENT LEARNING	<b>ELECTIVE COURSES</b>
15:45-16:30	INDEPENDENT LEARNING			INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

**UROGENITAL SYSTEM COMMITTEE/ WEEK II**

FEB 14 - FEB 18	14.2.2022 Monday	15.2.2022 Tuesday	16.2.2022 Wednesday	17.2.2022 Thursday	18.2.2022 Friday
08:30-09:15	INDEPENDENT LEARNING	Female genital organs ANATOMY M.Bülent ÖZDEMİR Face to Face	Female Reproductive System Histology HISTOLOGY Nazlı Ece ORDUERİ	INDEPENDENT LEARNING	Male Reproductive System Development HISTOLOGY Nazlı Ece ORDUERİ
09:25-10:10	INDEPENDENT LEARNING			INDEPENDENT LEARNING	
10:20-11:05	INDEPENDENT LEARNING	Male genital organs ANATOMY M.Bülent ÖZDEMİR Face to Face	Perineum ANATOMY M.Bülent ÖZDEMİR Face to Face	Male Reproductive System Histology HISTOLOGY Nazlı Ece ORDUERİ	Reabsorption, secretion in renal tubules PHYSIOLOGY Hasan Serdar GERGERLİOĞLU
11:15-12:00	INDEPENDENT LEARNING				

**BREAK**

13:00-13:45	Renal function tests II BIOCHEMISTRY Ahmet BELCE Face to Face	Female and Male genital organs ANATOMY LAB M.Bülent ÖZDEMİR Face to Face	Perineum ANATOMY LAB M.Bülent ÖZDEMİR Face to Face	Introduction to excretory physiology and renal circulation PHYSIOLOGY Hasan Serdar GERGERLİOĞLU Face to Face	INDEPENDENT LEARNING
13:55-14:40				Function of kidney glomeruli PHYSIOLOGY Hasan Serdar GERGERLİOĞLU Face to Face	<b>ELECTIVE COURSES</b>
14:50-15:35	Lower urinary tract ANATOMY Ahmet SINAV Face to Face	Lower urinary tract ANATOMY LAB Ahmet SINAV Face to Face	Female Reproductive System Development EMBRYOLOGY Nazlı Ece ORDUERİ	Routine urine analysis theoretic BIOCHEMISTRY Ahmet BELCE Face to Face	<b>ELECTIVE COURSES</b>
15:45-16:30					ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING		Erythropoietin BIOCHEMISTRY Ahmet BELCE Face to Face	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

**UROGENITAL SYSTEM COMMITTEE/ WEEK III**

FEB 21 - FEB 25	21.2.2021 Monday	22.2.2021 Tuesday	23.2.2021 Wednesday	24.2.2021 Thursday	25.2.2021 Friday
08:30-09:15	INDEPENDENT LEARNING	Female Reproductive System HISTOLOGY LAB Nazlı Ece ORDUERİ Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Diseases involving Blood vessels PATHOLOGY Duygu DÜŞMEZ APA Face to Face
09:25-10:10	INDEPENDENT LEARNING	3D Urogenital System HISTOLOGY LAB Nazlı Ece ORDUERİ Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
10:20-11:05	Urinary System HISTOLOGY LAB Nazlı Ece ORDUERİ Face to Face	ICP Foley catheter insertion Tümay SADIKOĞLU LAB Face to Face	Cystic, Congenital and Developmental Diseases of the Kidney PATHOLOGY Duygu DÜŞMEZ APA Face to Face	Primary and Secondary Glomerular Diseases PATHOLOGY Duygu DÜŞMEZ APA Face to Face	Concentration and dilution of urine PHYSIOLOGY Hasan Serdar GERGERLİOĞLU Face to Face
11:15-12:00	Male Reproductive System HISTOLOGY LAB Nazlı Ece ORDUERİ Face to Face				Urinary evacuation and micturition PHYSIOLOGY Hasan Serdar GERGERLİOĞLU Face to Face

**BREAK**

13:00-13:45	Regulation of glomerular filtration rate PHYSIOLOGY Hasan Serdar GERGERLİOĞLU Face to Face	Pre-pregnancy female reproductive function PHYSIOLOGY Hasan Serdar GERGERLİOĞLU Face to Face	Introduction to Glomerular Diseases PATHOLOGY Duygu DÜŞMEZ APA Face to Face	Tubulointerstitial Diseases and Urinary Outflow Obstruction PATHOLOGY Duygu DÜŞMEZ APA Face to Face	INDEPENDENT LEARNING
13:55-14:40	Acid-base and water balance PHYSIOLOGY Hasan Serdar GERGERLİOĞLU Face to Face				ELECTIVE COURSES
14:50-15:35	Male gonad hormones and associated endocrine tests BIOCHEMISTRY	Female gonad hormones and associated endocrine tests BIOCHEMISTRY	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ELECTIVE COURSES
15:45-16:30			INDEPENDENT LEARNING	Routine urine analysis BIOCHEMISTRY LAB Ahmet BELCE Face to Face	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING		ONLINE LANGUAGE COURSE (GERMAN)

**UROGENITAL SYSTEM COMMITTEE/ WEEK IV**

FEB 28 - MAR 04	28.2.2022 Monday	1.3.2022 Tuesday	2.3.2022 Wednesday	3.3.2022 Thursday	4.3.2022 Friday
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Diseases of the Vagina and Vulva PATHOLOGY DİLEK Sema ARICI Face to Face	Antepartum, Postpartum vaginal bleeding GYNECOLOGY AND OBSTETRICS Yavuz ŞİMŞEK Online	Adnexial masses GYNECOLOGY AND OBSTETRICS Yavuz ŞİMŞEK Online
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING		Vaginal delivery GYNECOLOGY AND OBSTETRICS Yavuz ŞİMŞEK Online	Symptoms in Gynecology GYNECOLOGY AND OBSTETRICS Yavuz ŞİMŞEK Online
10:20-11:05	Male reproductive function PHYSIOLOGY Hasan Serdar GERGERLİOĞLU Face to Face	ICP PAP smear Tümay SADIKOĞLU LAB Face to Face	Diseases of the Cervix PATHOLOGY DİLEK Sema ARICI Face to Face	INDEPENDENT LEARNING	Menstruation physiology and disorders GYNECOLOGY AND OBSTETRICS Yavuz ŞİMŞEK Online
11:15-12:00				INDEPENDENT LEARNING	INDEPENDENT LEARNING

**BREAK**

13:00-13:45	Neoplasms of the Kidney PATHOLOGY Duygu DÜŞMEZ APA Face to Face	Diseases of the Testis PATHOLOGY Duygu DÜŞMEZ APA Face to Face	INDEPENDENT LEARNING	Diseases of the Endometrium and Myometrium PATHOLOGY DİLEK Sema ARICI	INDEPENDENT LEARNING
13:55-14:40			INDEPENDENT LEARNING		ELECTIVE COURSES
14:50-15:35	Diseases of the Urinary Bladder PATHOLOGY Duygu DÜŞMEZ APA	Diseases of the Prostate PATHOLOGY Duygu DÜŞMEZ APA Face to Face	Pregnancy, childbirth, lactation PHYSIOLOGY Hasan Serdar	Diseases of the Fallopian Tubes and Ovaries PATHOLOGY DİLEK Sema ARICI	ELECTIVE COURSES
15:45-16:30					ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

**UROGENITAL SYSTEM COMMITTEE/ WEEK V**

MAR 07 - MAR 11	7.3.2022 Monday	8.3.2022 Tuesday	9.3.2022 Wednesday	10.3.2022 Thursday	11.3.2022 Friday
08:30-09:15	Screening in cervical cancer GYNECOLOGY AND OBSTETRICS Yavuz ŞİMŞEK Online	Vaginal discharge and vaginal physiology GYNECOLOGY AND OBSTETRICS Yavuz ŞİMŞEK Online	Urinary tract infections and sexually transmitted diseases	INDEPENDENT LEARNING	Symptoms and clinical findings in renal diseases NEPHROLOGY

09:25-10:10	Dysmenorrhea GYNECOLOGY AND OBSTETRICS Yavuz ŞİMŞEK Online	Abortion GYNECOLOGY AND OBSTETRICS Yavuz ŞİMŞEK Online	UROLOGY Levend ÖZKAN Online	Acid-base balance disorders NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI Online	PEDIATRICS Erol KISMET Online
10:20-11:05	Symptomatology in urogenital system UROLOGY Levend ÖZKAN Online	History taking, physical examination and symptomatology in Nephrology NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI Online	USMLE TUMAY SADIKOGLU Online	Acute and chronic glomerulonephritis (nephrotic and nephritic syndrome) NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI Online	Urolithiasis UROLOGY Kemal SARICA Online
11:15-12:00	Obstruction and stasis UROLOGY Kemal SARICA Online	Fluid and electrolyte balance disorders NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI Online	USMLE TUMAY SADIKOGLU Online	Acute renal injury and chronic kidney disease NEPHROLOGY Özlem HARMANKAYA KAPTANOĞULLARI Online	
<b>BREAK</b>					
13:00-13:45	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Oxytocic and Tocolytic Drugs PHARMACOLOGY Serkan AVŞAR Face to Face	Diseases of the Kidney and Urinary System PATHOLOGY LAB Duygu DÜŞMEZ APA	INDEPENDENT LEARNING
13:55-14:40	INDEPENDENT LEARNING	INDEPENDENT LEARNING			ELECTIVE COURSES
14:50-15:35	Gestational Trophoblastic Diseases PATHOLOGY DİLEK Sema ARICI	Diseases of the Breast PATHOLOGY DİLEK Sema ARICI Online	Diseases of the Female Genital System PATHOLOGY LAB DİLEK Sema ARICI	Diseases of the Male Genital System PATHOLOGY LAB Duygu DÜŞMEZ APA	ELECTIVE COURSES
15:45-16:30					ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>UROGENITAL SYSTEM COMMITTEE/ WEEK VI</b>					
MAR 14 - MAR 18	14.3.2022 Monday	15.3.2022 Tuesday	16.3.2022 Wednesday	17.3.2022 Thursday	18.3.2022 Friday
08:30-09:15	INDEPENDENT LEARNING				COMMITTEE EXAM
09:25-10:10					
10:20-11:05					
11:15-12:00					
13:00-13:45					
13:55-14:40					
14:50-15:35					
15:45-16:30					
16:40-17:25					
<b>MEDICAL RESEARCH III (4 WEEKS; MARCH 21- APRIL 15)</b>					
LECTURE	LECTURER	THEORETICAL	PRACTICE	TOTAL	
Medical Research III	Prof.Dr.Yusuf Çelik				
<b>MEDICAL RESEARCH III / WEEK I</b>					
MAR 21- MAR 25	21.03.2022 Monday	22.03.2022 Tuesday	23.03.2022 Wednesday	24.03.2022 Thursday	25.03.2022 Friday
08:30-09:15					

09:25-10:10					
10:20-11:05					
11:15-12:00					
BREAK					
13:00-13:45					
13:55-14:40					ELECTIVE COURSES
14:50-15:35					ELECTIVE COURSES
15:45-16:30					
16:40-17:25					
MEDICAL RESEARCH III / WEEK II					
MAR 28 - APR 01	28.03.2022 Monday	29.03.2022 Tuesday	30.03.2022 Wednesday	31.03.2022 Thursday	01.04.2022 Friday
08:30-09:15					
09:25-10:10					
10:20-11:05					
11:15-12:00					
BREAK					
13:00-13:45					
13:55-14:40					
14:50-15:35					ELECTIVE COURSES
15:45-16:30					ELECTIVE COURSES
16:40-17:25					
MEDICAL RESEARCH III / WEEK III					
APR 04 - APR 08	04.04.2022 Monday	05.04.2022 Tuesday	06.04.2022 Wednesday	07.04.2022 Thursday	08.04.2022 Friday
08:30-09:15					
09:25-10:10					
10:20-11:05					
11:15-12:00					
BREAK					
13:00-13:45					
13:55-14:40					ELECTIVE COURSES
14:50-15:35					ELECTIVE COURSES
15:45-16:30					
16:40-17:25					
MEDICAL RESEARCH III / WEEK IV					
APR 11 - APR 15	11.04.2022 Monday	12.04.2022 Tuesday	13.04.2022 Wednesday	14.04.2022 Thursday	15.04.2022 Friday

08:30-09:15	INDEPENDENT LEARNING	COMMITTEE EXAM
09:25-10:10		
10:20-11:05		
11:15-12:00		
13:00-13:45		
13:55-14:40		
14:50-15:35		
15:45-16:30		
16:40-17:25		

**PUBLIC HEALTH AND FAMILY MEDICINE (8 WEEKS; APRIL 18-JUNE 10)**

	LECTURE	LECTURER	THEORETICAL	PRACTICE	TOTAL
	Pharmacology	Prof. Dr. Atila Karaalp	18		18
	Family Medicine	Assist.Prof.Dr. Tümay SADIKOĞLU	10		10
	Public Health	Assist.Prof.Dr. Nüket GÜLER BAYSOY/ Prof.Dr.Fatma Çelik	82	22	104
	Biostatistics	Prof. Dr. Yusuf ÇELİK	18		18
	ICP	Assist.Prof.Dr. Tümay SADIKOĞLU	2	6	8
	<b>TOTAL</b>		<b>118</b>	<b>28</b>	<b>158</b>

**PUBLIC HEALTH AND FAMILY MEDICINE COMMITTEE / WEEK I**

APR 18- APR 22	18.04.2022 Monday	19.04.2022 Tuesday	20.04.2022 Wednesday	21.04.2022 Thursday	22.04.2022 Friday
08:30-09:15	INDEPENDENT LEARNING	Heavy Metal Poisonings and Chelators PHARMACOLOGY Zeliha YAZICI	INDEPENDENT LEARNING	Occupational and Environmental Toxicology PHARMACOLOGY Zeliha YAZICI	INDEPENDENT LEARNING
09:25-10:10	INDEPENDENT LEARNING		INDEPENDENT LEARNING		INDEPENDENT LEARNING
10:20-11:05	INDEPENDENT LEARNING	ICP Communication with relatives of the patient TUMAY SADIKOGLU Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING	FAMILY MEDICINE Introduction to family medicine TUMAY SADIKOGLU
11:15-12:00	INDEPENDENT LEARNING	ICP Communication with relatives of the patient TUMAY SADIKOGLU Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING	FAMILY MEDICINE Approach to fatigue and weight loss TUMAY SADIKOGLU
<b>BREAK</b>					
13:00-13:45	Basic Principles of Poisoning and Specific Treatment for Poisoning	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
13:55-14:40		INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ELECTIVE COURSE
14:50-15:35	INDEPENDENT LEARNING	Wlixon signed rank test in the medical literature BIOSTATISTICS Yusuf ÇELİK	INDEPENDENT LEARNING	Mann-Whitney U test in medical literature BIOSTATISTICS Yusuf ÇELİK	
15:45-16:30	INDEPENDENT LEARNING		INDEPENDENT LEARNING		ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

**PUBLIC HEALTH AND FAMILY MEDICINE COMMITTEE / WEEK II**

APR 25- APR 29	25.04.2022 Monday	26.04.2022 Tuesday	27.04.2022 Wednesday	28.04.2022 Thursday	29.04.2022 Friday
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08:30-09:15	Health, disease, illness and wellbeing and Determinants of health PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	INDEPENDENT LEARNING			Prevention concept PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face
09:25-10:10	Lifecycle and lifelong health perspective PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Demography, population pyramid PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Health indicators PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Epidemiological studies and level of evidences I PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Diagnostic/screening tests and meanings of related indices in practice PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face
10:20-11:05	Special, prioritized and vulnerable groups in health; Equity and equality in health PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face				
11:15-12:00	Definitions, determinants, functions, services and duties of the "public health" PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Epidemiology PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face			
<b>BREAK</b>					
13:00-13:45	Health prevention and health promotion; Health education and health management PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	ICP IM enjection TUMAY SADIKOGLU LAB GROUP 1 Face to Face			INDEPENDENT LEARNING
13:55-14:40	Principles to detect "important/prioritized health problem" for a population PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	ICP IM enjection TUMAY SADIKOGLU LAB GROUP 2 Face to Face	Health indicators (Application) PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Epidemiological studies and level of evidences II PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	ELECTIVE COURSE
14:50-15:35	Principles of public health implementations (deciding whether or not the implementation is necessary) PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	One-way analysis of variance by Kruskal-Wallis in the medical literature BIostatISTICS Yusuf ÇELİK Face to Face			
15:45-16:30	Detection and problem solving strategies for a health problem on public basis PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face		INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)	
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)
<b>PUBLIC HEALTH AND FAMILY MEDICINE COMMITTEE / WEEK III</b>					
MAY 02- MAY 06	02.05.2022 Monday	03.05.2022 Tuesday	04.05.2022 Wednesday	05.05.2022 Thursday	06.05.2022 Friday

08:30-09:15	<b>HAPPY EID</b>	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10		INDEPENDENT LEARNING	INDEPENDENT LEARNING
10:20-11:05		INDEPENDENT LEARNING	INDEPENDENT LEARNING
11:15-12:00		INDEPENDENT LEARNING	INDEPENDENT LEARNING
<b>BREAK</b>		<b>BREAK</b>	
13:00-13:45		INDEPENDENT LEARNING	INDEPENDENT LEARNING
13:55-14:40		INDEPENDENT LEARNING	ELECTIVE COURSE
14:50-15:35		Preparing a research project BIostatistics Yusuf ÇELİK	
15:45-16:30			ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25		INDEPENDENT LEARNING	

**PUBLIC HEALTH AND FAMILY MEDICINE COMMITTEE / WEEK IV**

MAY 09- MAY 13	09.05.2022 Monday	10.05.2022 Tuesday	11.05.2022 Wednesday	12.05.2022 Thursday	13.05.2022 Friday
08:30-09:15	INDEPENDENT LEARNING	Turkish healthcare system I APPLICATION PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Reproductive health, population planning, family planning, safe motherhood PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Contraceptive methods APPLICATION PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Routines of antenatal care programme of Turkey PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face
09:25-10:10	Healthcare services PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face		Routines of postnatal care programme of Turkey PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face		
10:20-11:05	Concepts of primary healthcare, essential healthcare and basic healthcare services PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face		Pre-Marriage and Preconceptional Counseling Programme in Turkey PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face		
11:15-12:00	Concepts of primary healthcare, essential healthcare and basic healthcare services PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face		Turkish healthcare system II PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face		Routine nutritional support for pregnant/puerperial women and babies in Turkey PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face
<b>BREAK</b>					
13:00-13:45	Concepts of primary healthcare, essential healthcare and basic healthcare services (APPLICATION) PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	ICP NG insertion TUMAY SADIKOGLU LAB Face to Face	FAMILY MEDICINE Approach to hypertension TUMAY SADIKOGLU Face to Face	Women and reproductive health programmes of Turkey PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	INDEPENDENT LEARNING
13:55-14:40	Turkish healthcare system I PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	ICP NG insertion TUMAY SADIKOGLU LAB Face to Face	FAMILY MEDICINE Approach to chest pain TUMAY SADIKOGLU Face to Face		ELECTIVE COURSE
14:50-15:35	INDEPENDENT LEARNING	Writing of the project BIostatistics Yusuf ÇELİK Face to Face	INDEPENDENT LEARNING		ONLINE LANGUAGE COURSE (GERMAN)
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING		ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING		ONLINE LANGUAGE COURSE (GERMAN)

**PUBLIC HEALTH AND FAMILY MEDICINE COMMITTEE / WEEK V**

MAY 16- MAY 20	16.05.2022 Monday	17.05.2022 Tuesday	18.05.2022 Wednesday	19.05.2022 Thursday	20.05.2022 Friday		
08:30-09:15	Newborn, infant, child and adolescent health programmes of Turkey PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	General aspects of routine monitoring and screening of infants, children and adolescents in Turkey PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Basic principles of immunization PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	NATIONAL DAY	INDEPENDENT LEARNING		
09:25-10:10					CONCEPTS OF VACCINE EFFICACY, VACCINE EFFECTIVENESS AND HERD IMMUNITY PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	INDEPENDENT LEARNING	
10:20-11:05					Correct Breastfeeding technique and mistakes during breastfeeding PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Concept of cold chain and vaccine tracking system of Turkey PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	INDEPENDENT LEARNING
11:15-12:00					Growth monitoring and using growth charts in routine applications in field PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Expanded Immunization Programme of Turkey PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	INDEPENDENT LEARNING
<b>BREAK</b>							
13:00-13:45	Concepts of «complementary feeding» AND «responsive feeding» PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	ICP IV Cannulation TUMAY SADIKOGLU LAB GROUP 1 Face to Face	FAMILY MEDICINE Approach to the patient with fever TUMAY SADIKOGLU Face to Face		NATIONAL DAY	INDEPENDENT LEARNING	
13:55-14:40	Newborn metabolic and endocrine disease screening programme of Turkey PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	ICP IV Cannulation TUMAY SADIKOGLU LAB GROUP 2 Face to Face	FAMILY MEDICINE Approach to headache TUMAY SADIKOGLU Face to Face			ELECTIVE COURSE	
14:50-15:35	INDEPENDENT LEARNING	SCI, SCI-Expanded journals and publication presentation	INDEPENDENT LEARNING			NATIONAL DAY	ONLINE LANGUAGE COURSE (GERMAN)
15:45-16:30	INDEPENDENT LEARNING	BIostatISTICS Yusuf ÇELİK	INDEPENDENT LEARNING				ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING				ONLINE LANGUAGE COURSE (GERMAN)

**PUBLIC HEALTH AND FAMILY MEDICINE COMMITTEE / WEEK VI**

MAY 23- MAY 27	23.05.2022 Monday	24.05.2022 Tuesday	25.05.2022 Wednesday	26.05.2022 Thursday	27.05.2022 Friday		
08:30-09:15	Importance of sexually transmitted diseases in public and control measures PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	INDEPENDENT LEARNING	Noncommunicable diseases control programmes of Turkey PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Nutrition PUBLIC HEALTH Fatma ÇELİK Face to Face	Tobacco-alcohol-substance use related problems and control measures in Turkey PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face		
09:25-10:10		Notifiable disease concept and notifiable diseases in Turkey PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face				INDEPENDENT LEARNING	
10:20-11:05		Outbreak and epidemic PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face				Noncommunicable diseases control programmes of Turkey APPLICATION	Tobacco-alcohol-substance use related problems and control measures in Turkey APPLICATION
11:15-12:00		Basic principles to control infectious diseases PUBLIC HEALTH Nüket GÜLER BAYSOY				INDEPENDENT LEARNING	INDEPENDENT LEARNING



BREAK					
13:00-13:45	FAMILY MEDICINE Approach to abdominal pain TUMAY SADIKOGLU Face to Face	INDEPENDENT LEARNING	FAMILY MEDICINE Approach to the patient with dementia TUMAY SADIKOGLU Face to Face	Physical Activity PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	INDEPENDENT LEARNING
13:55-14:40	FAMILY MEDICINE Approach to abdominal pain TUMAY SADIKOGLU Face to Face	INDEPENDENT LEARNING	FAMILY MEDICINE Approach to menopause TUMAY SADIKOGLU Face to Face	Physical Activity PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	ELECTIVE COURSE
14:50-15:35	INDEPENDENT LEARNING	Writing rules in a scientific publication BIOSTATISTICS Yusuf ÇELİK	INDEPENDENT LEARNING		
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING		
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

**PUBLIC HEALTH AND FAMILY MEDICINE COMMITTEE / WEEK VII**

MAY 30- JUN 03	30.05.2022 Monday	31.05.2022 Tuesday	01.06.2022 Wednesday	02.06.2022 Thursday	03.06.2022 Friday
08:30-09:15	Occupational Health PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	Environmental Health PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
09:25-10:10			INDEPENDENT LEARNING	INDEPENDENT LEARNING	
10:20-11:05			Health in disasters PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face	INDEPENDENT LEARNING	Violence PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face
11:15-12:00			INDEPENDENT LEARNING	INDEPENDENT LEARNING	Geriatric Health PUBLIC HEALTH Nüket GÜLER BAYSOY Face to Face

**BREAK**

13:00-13:45	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING
13:55-14:40	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ELECTIVE COURSE
14:50-15:35	INDEPENDENT LEARNING	Criteria for proficiency in medical scientific publication BIOSTATISTICS Yusuf ÇELİK Face to Face	INDEPENDENT LEARNING	Ethical rules in scientific research BIOSTATISTICS Yusuf ÇELİK Face to Face	
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	Errors made in medical publications BIOSTATISTICS Yusuf ÇELİK Face to Face	ONLINE LANGUAGE COURSE (GERMAN)
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	ONLINE LANGUAGE COURSE (GERMAN)

**PUBLIC HEALTH AND FAMILY MEDICINE COMMITTEE / WEEK VIII**

JUN 06- JUN 10	06.06.2022 Monday	31.05.2022 Tuesday	08.06.2022 Wednesday	09.06.2022 Thursday	10.06.2022 Friday
08:30-09:15	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	COMITTEE EXAM
09:25-10:10	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
10:20-11:05	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
11:15-12:00	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
13:00-13:45	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	

13:55-14:40	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
14:50-15:35	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
15:45-16:30	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	
16:40-17:25	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	INDEPENDENT LEARNING	