

**MTU FACULTY OF MEDICINE TERM II**  
**EDUCATION AND TRAINING PROGRAM**

**Purpose and objectives:**

Embryonic and fetal development of organs and systems in the human body, macroscopic (anatomical) and microscopic (histological) structures and functions with the help of physiology, biophysics and biochemistry knowledge, and to reinforce them with clinical correlations and professional skill application studies. In the final board, the biological and microbiology, biochemistry, pathology, pharmacology, family medicine, child health and psychosocial foundations

Courses such as pediatric diseases, child mental health and diseases, and internal medicine provide an introduction to Term 3. Additionally, each board With the contribution of the given clinical skill practices, the person will be able to gain basic knowledge and skills at the end of the term.

Having acquired the ability and attitude to evaluate, researching and accessing information, and having the ability to analyze and synthesize is to train physicians who have acquired knowledge and can analyze it.

- Perceiving and learning the embryonic development process
- Learning the anatomical structure of organs and structures in our body
- Ability to perceive and comprehend the microscopic structures of normal tissues and organs
- Learning and understanding the physiological mechanisms in our body
- Relating biochemical synthesis mechanisms to physiology
- Learning and reinforcing research and data collection methods
- Understanding that humans are a biological and psychosocial whole

MTU Faculty of Medicine Term II, 2025-2026 Academic Year (35+2* Weeks)						
No. Boards		Start-End	Week	Theoretical	Practical	ECTS
201	Heart and Circulatory System Course Board	September 15 – October 17, 2025	5	64	58	8
202	Blood and Respiratory System Course Board	October 20 – November 25, 2025	5.5	111	44	10
203	Digestive System Course Board	November 26 – December 24, 2025	4	54	58	7
204	Metabolism and Endocrine System Course Board	December 25, 2025 – February 11, 2026	5*2	87	28	8
205	Urogenital System Course Board	February 12 – March 11, 2026	4	62	60	8
206	Central Nervous System and Senses Course Board, March 12 – April 30, 2026		7,5	126	80	13
207	Biological Basis of Diseases Course Board	May 4 – June 3, 2026	4	67	8	5
	HSE Elective Course					1
<b>Total</b>			<b>35+2*</b>	<b>571</b>	<b>336</b>	<b>60</b>

\* SEMESTER BREAK (2 Weeks), (January 19 – January 30, 2026)

MTU Faculty of Medicine 2025-2026 Professional Skills Application List		
Course Board	Professional Skills Application (MBU)	A.D.
<b>Course Board 1: Heart and Circulatory System DersKurulu</b>	I- Heart sounds and blood pressure measurement	Physiology
	II- Electrocardiography (EKG)	Physiology
	III- Opening vascular access, IV blood collection	Anesthesia
<b>Course Board 2: Blood and Respiratory System Course Board</b>	IV-Blood Practices	Physiology
	V-Evaluation of blood cells in peripheral blood smear Internal Medicine	
	VI- Respiratory function test	Physiology
<b>Course Board 3: Digestive System Course Board</b>		
<b>Course Board 4: Metabolism and Endocrine System Course Board</b>	VII-Measuring blood sugar with a glucometer	Medical Biochemistry
<b>Course Board 5: Urogenital System DersKurulu</b>	VIII-Complete urine analysis	Medical Biochemistry
	IX-Ability to perform fecal occult blood examination	Medical Microbiology
<b>Course Board 6: Central Nervous System System and Sensory Course Board</b>	X-Reflex examination	Physiology
	XI-Vision and Hearing Tests	Physiology
<b>Course Board 7: Biological Disorders Fundamentals Course Board</b>	XII- Stained and unstained for microscopic examination ability to prepare preparations	Medical Microbiology
	XIII- Being able to take examples for culture	Medical Microbiology

## HEART AND CIRCULAR SYSTEM COURSE BOARD

No.	Komite	Start-End	Week	Theoretical	Practical	ECTS
201	Heart and Circulatory System Course Board	September 15 – October 17, 2025	5	64	58	8
COURSES		CLASS HOURS				
		THEORETICAL	PRACTICE			
ANATOMY (ANA-201)		13	24			
BİYOFİZİK (BF-201)		9	2			
HISTOLOGY AND EMBRYOLOGY (HE-201)		10	16			
PHYSIOLOGY (PHYS-201)		32				
PROFESSIONAL SKILLS APPLICATION (MBU-201)			16			
<b>TOTAL</b>		<b>64</b>	<b>58</b>			
ELECTIVE		8				
FREELANCE		72				

VOCATIONAL SKILLS APPLICATIONS (MBU)		Teaching Member	Lesson The time
FIRST I	Heart sounds and blood pressure measurement - PHYSIOLOGY DEPARTMENT	Cihat UÇAR	4
MBU II	Elektrokardiyografi (EKG)- FİZYOLOJİ AD	Cihat UÇAR	8
MBU III:	Establishing vascular access, drawing IV blood - ANESTHESIA AND REAMINATION AD	Ahmet AYDIN	4

## HEART AND CIRCULAR SYSTEM COURSE BOARD PURPOSE

The purpose of this course is to provide students with information about the embryological development of the human heart and circulatory system and the cells, tissues and organs that make up these systems; their histological and anatomical structures; their physiological properties; their functions and the effects of these functions. To provide knowledge and skills about biophysical mechanisms, the relationships between these systems, and their responses to changes in internal and external environmental conditions.

## HEART AND CIRCULAR SYSTEM COURSE BOARD LEARNING OBJECTIVES

**Information LO 1.** Will acquire the basic concepts and information regarding the anatomical and microscopic structure and functions of the heart and vessels. **LO 2.** Will be able to explain the heart beat and the factors that regulate it. **LO 3.** Will understand the anomalies and basic functional disorders of the heart and circulatory system. **LO 4.** Will understand the physiological and biophysical basis of the bioelectric events that occur in the heart and ECG. **LO 5.** Will be able to explain the basic concepts of hemodynamics, hemorheology, and biophysical properties of blood cells. **LO 6.** Will learn the anatomical, histological, and embryological features of the parts of the circulatory system. **LO 7.** Will be able to describe the functioning of the circulatory system.

### **Skill**

**ÖH 8.** Will be able to recognize and distinguish the anatomical structures that make up the circulatory system. **ÖH 9.** Will be able to recognize the contents that make up the general histological structure of the circulatory system. **ÖH 10.** Will be able to identify heart sounds and measure blood pressure. **ÖH 11.** Will be able to make basic assessments in ECG measurements. **ÖH 12.** Will be able to perform intravenous intervention and obtain venous blood.

## HEART AND CIRCULAR SYSTEM COURSE BOARD LEARNING OBJECTIVES

### Attitude

**ÖH 13.** As a medical school student, they will be aware of the need to access current information. **ÖH 14.** As a medical school student, they will be aware of the need for study discipline. **ÖH 15.** As a medical school student, they will understand that medical education is a holistic process and that all their knowledge will be useful for their next education. will be aware that it is necessary.



## HEART AND CIRCULAR SYSTEM COURSE BOARD TEACHING METHODS

<b>KNOWLEDGE-ORIENTED EDUCATION</b>	<ul style="list-style-type: none"><li>- Classroom lesson / Trainer presentation</li><li>- Practical lessons</li><li>-Independent learning practices (Free working hours)</li></ul>
<b>MEDICAL PRACTICES DIRECTED EDUCATION</b>	<ul style="list-style-type: none"><li>- Professional skills applications</li><li>-Laboratory applications</li><li>- Independent learning practices</li></ul>
<b>PROFESSIONALISM EDUCATION</b>	<ul style="list-style-type: none"><li>-Vocational skills applications</li><li>-Laboratory applications</li></ul>

## HEART AND CIRCULAR SYSTEM COURSE BOARD MEASUREMENT EVALUATION METHODS

**END OF BOARD THEORETICAL EXAM** It consists of multiple choice questions determined according to the number of courses.

**END OF BOARD PRACTICAL EXAM** It consists of oral and practical questions covering practical lessons and Professional Skills Practices held within the board.

**END OF BOARD GRADE  
CALCULATION** It is stated in the Education-Training and Examination Regulation.

## HEART AND CIRCULAR SYSTEM COURSE BOARD COURSES WEIGHTS

Class Hours

Percentage (%)

THEORETICAL COURSE

64

31

PRACTICAL LESSON

58

29

ELECTIVE

8

4

FREELANCE

72

36

COURSE BOARD I: HEART AND CIRCULAR SYSTEM COURSE BOARD			
Monday, September 15, 2025	Course Name	Faculty Member	
08:30 - 09:10			
09:20 - 10:00			
10:10 - 10:50	Introduction of the training program	Coordinator	
11:00 - 11:40	Introduction of the training program	Coordinator	
13:10 - 13:50 ANA201	Medical terminology (Cardiovascular system), Circulation General Information	Muhammed Furkan ARPACI	
14:00 - 14:40 ANA201	Heart Anatomy	Muhammed Furkan ARPACI	
14:50 - 15:30 ANA201	Heart Anatomy	Muhammed Furkan ARPACI	
15:40 - 16:20	FREELANCE		
<b>Tuesday, September 16, 2025</b>			
08:30 - 09:10	FREELANCE		
09:20 - 10:00 FyZ201	General information about circulatory physiology	Cihat UÇAR	
10:10 - 10:50 FyZ201	General information about circulatory physiology	Cihat UÇAR	
11:00 - 11:40 FyZ201	Physiological properties of cardiac muscle	Cihat UÇAR	
13:10 - 13:50 ANA201	Pericardium	Nihal Sümeyye ULUTAÿ	
14:00 - 14:40 ANA202	Great Vessels Entering and Leaving the Heart, Systemic, Pulmonary and Fetal Circulations	Nihal Sümeyye ULUTAÿ	
14:50 - 15:30 HE201	Heart Histology	Emrah ZAYMAN	
15:40 - 16:20 HE201	Heart Histology	Emrah ZAYMAN	
<b>Wednesday, September 17, 2025</b>			
08:30 - 09:10	FREELANCE		
09:20 - 10:00	FREELANCE		
10:10 - 10:50	FREELANCE		
11:00 - 11:40	FREELANCE		
13:10 - 13:50	FREELANCE		
14:00 - 14:40	FREELANCE		
14:50 - 15:30	FREELANCE		
15:40 - 16:20	FREELANCE		
<b>Thursday, September 18, 2025</b>			
08:30 - 09:10	FREELANCE		
09:20 - 10:00	FREELANCE		
10:10 - 10:50	FREELANCE		
11:00 - 11:40	FREELANCE		
13:10 - 13:50	FREELANCE		
14:00 - 14:40	FREELANCE		
14:50 - 15:30	FREELANCE		
15:40 - 16:20	FREELANCE		
<b>Friday, September 19, 2025</b>			
08:30 - 09:10 HE201	Blood vessel histology	Emrah ZAYMAN	
09:20 - 10:00 HE201	Blood vessel histology	Emrah ZAYMAN	
10:10 - 10:50 ANA201/HE201 LAB (Heart Anatomy Group-A/ Heart Histology Group-B)		Faculty Members of the Department (Anatomy-Histology)	
11:00 - 11:40 ANA201/HE201 LAB (Heart Anatomy Group-A/ Heart Histology Group-B)		Faculty Members of the Department (Anatomy-Histology)	
13:10 - 13:50 ANA201/HE201 LAB (Heart Anatomy Group-B/ Heart Histology Group-A)		Faculty Members of the Department (Anatomy-Histology)	
14:00 - 14:40 ANA201/HE201 LAB (Heart Anatomy Group-B/ Heart Histology Group-A)		Faculty Members of the Department (Anatomy-Histology)	
14:50 - 15:30 FyZ201	Cardiac activity and regulation	Cihat UÇAR	
15:40 - 16:20 FyZ201	Cardiac activity and regulation	Cihat UÇAR	

Monday, September 22, 2025	Course Name	Faculty Member
08:30 - 09:10	FREELANCE	
09:20 - 10:00 BF201	Biophysical Basis of Circulation	Mehtap DÜZ
10:10 - 10:50 BF201	Biophysical Basis of Circulation	Mehtap DÜZ
11:00 - 11:40 BF201	Biophysical Basis of Circulation	Mehtap DÜZ
13:10 - 13:50 ANA201	Lymphatic Circulation	Esra AKKUÿ YETKÿN
14:00 - 14:40 ANA201	Lymphatic Circulation	Esra AKKUÿ YETKÿN
14:50 - 15:30 FyZ201	Functions of heart valves and heart sounds	Cihat UÇAR
15:40 - 16:20 FIZ201	Functions of heart valves and heart sounds	Cihat UÇAR
<b>Tuesday, September 23, 2025</b>		
08:30 - 09:10 HE201	Lymph node histology	Oya KORKMAZ
09:20 - 10:00 HE201	Lymph node histology	Oya KORKMAZ
10:10 - 10:50 HE201	Tonsils, Thymus Histology	Oya KORKMAZ
11:00 - 11:40 HE201	Spleen Histology	Oya KORKMAZ
13:10 - 13:50 FyZ201	Cardiac cycle	Cihat UÇAR
14:00 - 14:40 FyZ201	Examples of electrocardiograms and ECGs	Cihat UÇAR
14:50 - 15:30 FyZ201	Examples of electrocardiograms and ECGs	Cihat UÇAR
15:40 - 16:20	FREELANCE	
<b>Wednesday, September 24, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, September 25, 2025</b>		
08:30 - 09:10 HE201/ANA201	LAB (Vascular Histology Group A / Pericardium and Great Vessels Systems, Pulmonology and Fetal Circulation Group-B)	Faculty Members of the Department (Anatomy-Histology)
09:20 - 10:00 HE201/ANA201	LAB (Vascular Histology Group A / Pericardium and Great Vessels Systems, Pulmonology and Fetal Circulation Group-B)	Faculty Members of the Department (Anatomy-Histology)
10:10 - 10:50 HE201/ANA201	LAB (Vascular Histology Group B / Pericardium and Great Vessels Systems, Pulmonology and Fetal Circulation Group-A)	Faculty Members of the Department (Anatomy-Histology)
11:00 - 11:40 HE201/ANA201	LAB (Vascular Histology Group B / Pericardium and Great Vessels Systems, Pulmonology and Fetal Circulation Group-A)	Faculty Members of the Department (Anatomy-Histology)
13:10 - 13:50 ANA201/HE201 LAB (Lymphatic Circulation Group A / Lymph Node Histology Group B)		Faculty Members of the Department (Anatomy-Histology)
14:00 - 14:40 ANA201/HE201 LAB (Lymphatic Circulation Group A / Lymph Node Histology Group B)		Faculty Members of the Department (Anatomy-Histology)
14:50 - 15:30 ANA201/HE201 LAB (Lymphatic Circulation Group B / Lymph Node Histology Group A)		Faculty Members of the Department (Anatomy-Histology)
15:40 - 16:20 ANA201/HE201 LAB (Lymphatic Circulation Group B / Lymph Node Histology Group A)		Faculty Members of the Department (Anatomy-Histology)
<b>Friday, September 26, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00 ANA201	Veins of the head, neck and upper extremities	Hÿdÿr Molasses
10:10 - 10:50 ANA201	Veins of the head, neck and upper extremities	Hÿdÿr Molasses
11:00 - 11:40 ANA201	Veins of the head, neck and upper extremities	Hÿdÿr Molasses
13:10 - 13:50 BF201	Bioelectrical Events in the Heart	Mehtap DÜZ
14:00 - 14:40 BF201	Bioelectrical Events in the Heart	Mehtap DÜZ
14:50 - 15:30 FyZ201	Examples of electrocardiograms and ECGs	Cihat UÇAR
15:40 - 16:20 FIZ201	Examples of electrocardiograms and ECGs	Cihat UÇAR

Monday, September 29, 2025	Course Name	Faculty Member
08:30 - 09:10 ANA201/HE201	LAB (Head, neck and upper extremity vessels Group-A/ Thymus, Spleen, Tonsil Histology (Group B)	Faculty Members of the Department (Anatomy-Histology)
09:20 - 10:00 ANA201/HE201	LAB (Head, neck and upper extremity vessels Group-A/ Thymus, Spleen, Tonsil Histology (Group B)	Faculty Members of the Department (Anatomy-Histology)
10:10 - 10:50 ANA201/HE201	LAB (Head, neck and upper extremity vessels Group-B/ Thymus, Spleen, Tonsil Histology (Group A)	Faculty Members of the Department (Anatomy-Histology)
11:00 - 11:40 ANA201/HE201	LAB (Head, neck and upper extremity vessels Group-B/ Thymus, Spleen, Tonsil Histology (Group A)	Faculty Members of the Department (Anatomy-Histology)
13:10 - 13:50 FYZ201	Work done by the heart and cardiac metabolism	Cihat UÇAR
14:00 - 14:40 FYZ201	Cardiac output and venous return	Cihat UÇAR
14:50 - 15:30 FYZ201	Cardiac output and venous return	Cihat UÇAR
15:40 - 16:20	FREELANCE	
<b>Tuesday, September 30, 2025</b>		
08:30 - 09:10	<b>ELECTIVE</b>	
09:20 - 10:00	<b>ELECTIVE</b>	
10:10 - 10:50 HE201	Cardiovascular Development	Emrah ZAYMAN
11:00 - 11:40 HE201	Fetal Circulation	Emrah ZAYMAN
13:10 - 13:50 FYZ201	Blood pressure and pulse	Cihat UÇAR
14:00 - 14:40 FYZ201	Blood pressure and pulse	Cihat UÇAR
14:50 - 15:30 FYZ201	Blood pressure and pulse	Cihat UÇAR
15:40 - 16:20	FREELANCE	
<b>Wednesday, October 1, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, October 2, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50 MBU201	MBU I: Heart sounds and blood pressure measurement Group A	Cihat UÇAR
11:00 - 11:40 MBU201	MBU I: Heart sounds and blood pressure measurement Group A	Cihat UÇAR
13:10 - 13:50 FYZ201	Principles of hemodynamics	Cihat UÇAR
14:00 - 14:40 FYZ201	Principles of hemodynamics	Cihat UÇAR
14:50 - 15:30	<b>ELECTIVE</b>	
15:40 - 16:20	<b>ELECTIVE</b>	
<b>Friday, October 3, 2025</b>		
08:30 - 09:10	<b>ELECTIVE</b>	
09:20 - 10:00	<b>ELECTIVE</b>	
10:10 - 10:50 BF201	Hemorheology and the Vascular Wall	Mehtap DÜZ
11:00 - 11:40 BF201	Hemorheology and the Vascular Wall	Mehtap DÜZ
13:10 - 13:50 MBU201	MBU I: Heart sounds and blood pressure measurement Group B	Cihat UÇAR
14:00 - 14:40 MBU201	MBU I: Heart sounds and blood pressure measurement Group B	Cihat UÇAR
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	

Monday, October 6, 2025		Course Name	Faculty Member
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50 FyZ201		Regulation of blood pressure	Cihat UÇAR
11:00 - 11:40 FyZ201		Regulation of blood pressure	Cihat UÇAR
13:10 - 13:50 MBU201		MBU II- Electrocardiography (EKG)	Cihat UÇAR
14:00 - 14:40 MBU201		MBU II- Electrocardiography (EKG)	Cihat UÇAR
14:50 - 15:30 MBU201		MBU II- Electrocardiography (EKG)	Cihat UÇAR
15:40 - 16:20 MBU201		MBU II- Electrocardiography (EKG)	Cihat UÇAR
<b>Tuesday, October 7, 2025</b>			
08:30 - 09:10 MBU201		MBU II- Electrocardiography (EKG)	Cihat UÇAR
09:20 - 10:00 MBU201		MBU II- Electrocardiography (EKG)	Cihat UÇAR
10:10 - 10:50 MBU201		MBU II- Electrocardiography (EKG)	Cihat UÇAR
11:00 - 11:40 MBU201		MBU II- Electrocardiography (EKG)	Cihat UÇAR
13:10 - 13:50 BF201		Basic Principles of ECG	Mehtap DÜZ
14:00 - 14:40 BF201		Basic Principles of ECG	Mehtap DÜZ
14:50 - 15:30 BF201		LAB (ECG-Group A in Einthoven Triangle Model)	Mehtap DÜZ
15:40 - 16:20 BF201		LAB (ECG-Group B in Einthoven Triangle Model)	Mehtap DÜZ
<b>Wednesday, October 8, 2025</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50		FREELANCE	
14:00 - 14:40		FREELANCE	
14:50 - 15:30		FREELANCE	
15:40 - 16:20		FREELANCE	
<b>Thursday, October 9, 2025</b>			
08:30 - 09:10 FyZ201		Coronary and skeletal muscle circulation	Cihat UÇAR
09:20 - 10:00 FyZ201		Neonatal circulation	Cihat UÇAR
10:10 - 10:50 ANA201		Aorta, its branches and lower extremity vessels	Gökçe BAÿCI UZUN
11:00 - 11:40 ANA201		Aorta, its branches and lower extremity vessels	Gökçe BAÿCI UZUN
13:10 - 13:50 FyZ201		Systemic circulation	Cihat UÇAR
14:00 - 14:40 FyZ201		Local control of blood flow	Cihat UÇAR
14:50 - 15:30 FyZ201		Local control of blood flow	Cihat UÇAR
15:40 - 16:20		FREELANCE	
<b>Friday, October 10, 2025</b>			
08:30 - 09:10 MBU201/ANA 201		MBU III: (Opening vascular access, IV blood collection) Group A / LAB (Aorta, its branches and lower extremity vessels) Group B	Ahmet AYDIN / AD Lecturer Elements (Anatomy)
09:20 - 10:00 MBU201/ANA 201		MBU III: (Opening vascular access, IV blood collection) Group A / LAB (Aorta, its branches and lower extremity vessels) Group B	Ahmet AYDIN / AD Lecturer Elements (Anatomy)
10:10 - 10:50 MBU201/ANA 201		MBU III: (Opening vascular access, IV blood collection) Group B / LAB (Aorta, its branches and lower extremity vessels) Group A	Ahmet AYDIN / AD Lecturer Elements (Anatomy)
11:00 - 11:40 MBU201/ANA 201		MBU III: (Opening vascular access, IV blood collection) Group B / LAB (Aorta, its branches and lower extremity vessels) Group A	Ahmet AYDIN / AD Lecturer Elements (Anatomy)
13:10 - 13:50 FyZ201		Cerebral, splanchnic and cutaneous circulation	Cihat UÇAR
14:00 - 14:40 FyZ201		Cerebral, splanchnic and cutaneous circulation	Cihat UÇAR
14:50 - 15:30		FREELANCE	
15:40 - 16:20		FREELANCE	

Monday, October 13, 2025	Course Name	Faculty Member
08:30 - 09:10	FREELANCE	
09:20 - 10:00 FyZ201	Lymphatic circulation	Cihat UÇAR
10:10 - 10:50 FyZ201	Capillary circulation and edema	Cihat UÇAR
11:00 - 11:40 FyZ201	Capillary circulation and edema	Cihat UÇAR
13:10 - 13:50 ANA201	Clinical Anatomy of the Circulatory System	Gökçe BAÿCI UZUN
14:00 - 14:40	<b>ELECTIVE</b>	
14:50 - 15:30	<b>ELECTIVE</b>	
15:40 - 16:20	FREELANCE	
<b>Tuesday, October 14, 2025</b>		
08:30 - 09:10 ANA201 LAB (General study) Group-A		Faculty Members of the Department (Anatomy)
09:20 - 10:00 ANA201 LAB (General study) Group-A		Faculty Members of the Department (Anatomy)
10:10 - 10:50 ANA201 LAB (General study) Group-B		Faculty Members of the Department (Anatomy)
11:00 - 11:40 ANA201 LAB (General study) Group-B		Faculty Members of the Department (Anatomy)
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Wednesday, October 15, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, October 16, 2025</b>		
08:30 - 09:10		
09:20 - 10:00	<b>THEORETICAL EXAM</b>	
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50	<b>EVALUATION OF THEORETICAL EXAM QUESTIONS</b>	
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Friday, October 17, 2025</b>		
08:30 - 09:10	<b>PRACTICAL EXAM</b>	
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		

## BLOOD AND RESPIRATORY SYSTEM COURSE BOARD

No. Komite	Start-End	Week	Theoretical	Practical	ECTS
202 Blood and Respiratory System Course Board	October 20 – November 25, 2025	5,5	111	44	10

COURSES	CLASS HOURS	
	THEORETICAL	PRACTICE
ANATOMY (ANA-202)	13	20
PHYSIOLOGY (PHYS-202)	30	-
BİYOFİZİK (BF-202)	3	-
HISTOLOGY AND EMBRYOLOGY (HE-202)	15	8
MEDICAL MICROBIOLOGY (TM-202)	26	-
MEDICAL BIOCHEMISTRY (TBK-202)	4	-
IMMUNOLOGY (IMM-202)	20	-
PROFESSIONAL SKILLS APPLICATION (MBU-202)	0	16
<b>TOTAL</b>	<b>111</b>	<b>44</b>
ELECTIVE	-	-
FREELANCE	<b>48</b>	

PROFESSIONAL SKILLS APPLICATIONS (MBU)		Faculty Member	Lesson The time
MBU IV	Blood Practices – Department of Physiology	Feyzi DOYRU	8
MBU V	Evaluation of blood cells in peripheral blood smear – I.D. DISEASES NAME	M. Fatih UZANULU	4
CHAPTER VI:	Respiratory function test - PHYSIOLOGY DEPARTMENT	Feyzi DOYRU	4

## BLOOD AND RESPIRATORY SYSTEM COURSE BOARD

### PURPOSE

The purpose of this course is to provide students with information about blood tissue, the respiratory system and the cells, tissues and organs that make up these systems.

The aim of this course is to provide knowledge and skills in embryological development; histological and anatomical structure; physiological properties; functions and biophysical mechanisms of these functions; the relationships of these systems with each other; and their responses to changes in internal and external environmental conditions.

## BLOOD AND RESPIRATORY SYSTEM COURSE BOARD

### LEARNING OBJECTIVES

**Information LO 1.** Acquire basic concepts and knowledge regarding the normal development, anatomical and microscopic structure, and functions of blood cells, blood gases,

and lungs. **LO 2.** Learn about the functions related to blood cell formation, coagulation, and respiratory functions, and the factors that regulate them. **LO 3.** Will be able to explain.

**LO 4.** Will be able to understand blood cells, blood gases, and abnormalities and basic functional disorders of the respiratory system. **LO 5.** Will be able to explain the biophysical properties of

respiratory system. **LO 6.** Will be able to learn the anatomical, histological and embryological features of the parts of the respiratory

system. **LO 7.** Will be able to define the functions of respiratory

dynamics. **LO 8.** Will be able to explain the basic concepts related to the

immune system. **LO 9.** Will be able to learn the cells of the immune system, their basic

properties and functions. **LO 10.** Will be able to explain the cells and components of the

innate immune system. **LO 11.** Will be able to learn the humoral and cellular immune

response mechanisms. **LO 12.** Will be able to define the functions of cytokines and chemokines

in the immune system. **LO 13.** Will be able to explain the basic principles of immunization.

#### Skill

**LO 14.** Will be able to recognize and distinguish the anatomical structures that make up the

respiratory system. **LO 15.** Will be able to recognize the contents that make up the general histological

structure of the respiratory system. **LO 16.** Will be able to determine blood group

and count blood cells. **LO 17.** Will be able to measure hemoglobin

and hematocrit. **LO 18.** Will be able to prepare peripheral blood smears and identify blood

cells. **LO 19.** Will be able to measure the general characteristics of pulmonary function tests.



## BLOOD AND RESPIRATORY SYSTEM COURSE BOARD TEACHING METHODS

<b>KNOWLEDGE-ORIENTED EDUCATION</b>	<ul style="list-style-type: none"><li>- Classroom lesson / Trainer presentation</li><li>- Practical lessons</li><li>-Independent learning practices (Free working hours)</li></ul>
<b>MEDICAL PRACTICES DIRECTED EDUCATION</b>	<ul style="list-style-type: none"><li>- Professional skills applications</li><li>-Laboratory applications</li><li>- Independent learning practices</li></ul>
<b>PROFESSIONALISM EDUCATION</b>	<ul style="list-style-type: none"><li>-Vocational skills applications</li><li>-Laboratory applications</li></ul>

## BLOOD AND RESPIRATORY SYSTEM COURSE BOARD MEASUREMENT-EVALUATION METHODS

<b>END OF BOARD THEORETICAL EXAM</b>	It consists of multiple choice questions determined according to the number of courses.
<b>END OF BOARD PRACTICAL EXAM</b>	Practical lessons and Professional Skills held within the Board It consists of oral and practical questions covering their applications.
<b>END OF BOARD GRADE CALCULATION</b>	It is stated in the Education-Training and Examination Regulation.

## **BLOOD AND RESPIRATORY SYSTEM COURSE BOARD COURSES WEIGHTS**

	<b>Class Hours</b>	<b>Percentage (%)</b>
<b>THEORETICAL COURSE</b>	<b>111</b>	<b>54</b>
<b>PRACTICAL LESSON</b>	<b>44</b>	<b>22</b>
<b>FREELANCE</b>	<b>48</b>	<b>24</b>

COURSE BOARD II: BLOOD AND RESPIRATORY SYSTEM COURSE BOARD			
Monday, October 20, 2025	Course Name	Faculty Member	
08:30 - 09:10 HE202	Stem cells	Oya KORKMAZ	
09:20 - 10:00 ANA202	Medical terminology (Respiratory system)	Gökçe BAĞCI UZUN	
10:10 - 10:50 ANA202	Thoracic Wall Anatomy	Gökçe BAĞCI UZUN	
11:00 - 11:40 ANA202	Thoracic Wall Anatomy	Gökçe BAĞCI UZUN	
13:10 - 13:50 FYZ202	Composition, Physical Properties, and Functions of Blood	Feyzi DOYRU	
14:00 - 14:40 FYZ202	Composition, Physical Properties, and Functions of Blood	Feyzi DOYRU	
14:50 - 15:30 HE202	Stem cells	Oya KORKMAZ	
15:40 - 16:20 HE202	Bone marrow histology and hematopoiesis	Oya KORKMAZ	
<b>Tuesday, October 21, 2025</b>			
08:30 - 09:10 HE202	Bone marrow histology and hematopoiesis	Oya KORKMAZ	
09:20 - 10:00 TM202	Chemical, microbial and erythrocyte antigens	Ayten GUNDUZ	
10:10 - 10:50 TM202	Chemical, microbial and erythrocyte antigens	Ayten GUNDUZ	
11:00 - 11:40 TM202	Organs and cells involved in the immune response	Ayten GUNDUZ	
13:10 - 13:50 TM202	Organs and cells involved in the immune response	Ayten GUNDUZ	
14:00 - 14:40 FYZ202	Erythrocytes, Anemia, and Polycythemia	Feyzi DOYRU	
14:50 - 15:30 FYZ202	Erythrocytes, Anemia, and Polycythemia	Feyzi DOYRU	
15:40 - 16:20 FYZ202	Erythrocytes, Anemia, and Polycythemia	Feyzi DOYRU	
<b>Wednesday, October 22, 2025</b>			
08:30 - 09:10 HE202	Erythrocytes	Oya KORKMAZ	
09:20 - 10:00 HE202	Erythrocytes	Oya KORKMAZ	
10:10 - 10:50 HE202	Platelets	Oya KORKMAZ	
11:00 - 11:40 HE202	Leukocytes	Oya KORKMAZ	
13:10 - 13:50 HE202	Leukocytes	Oya KORKMAZ	
14:00 - 14:40 yMM202	Introduction to immunology: Basic concepts	Mehmet YABAS	
14:50 - 15:30 yMM202	Cells, tissues and organs of the immune system	Mehmet YABAS	
15:40 - 16:20 yMM202	Cells, tissues and organs of the immune system	Mehmet YABAS	
<b>Thursday, October 23, 2025</b>			
08:30 - 09:10	FREELANCE		
09:20 - 10:00	FREELANCE		
10:10 - 10:50	FREELANCE		
11:00 - 11:40	FREELANCE		
13:10 - 13:50 TM202	Histocompatibility antigens	Ayten GUNDUZ	
14:00 - 14:40 TM202	Structure and biological activity of antibodies	Ayten GUNDUZ	
14:50 - 15:30 TM202	Structure and biological activity of antibodies	Ayten GUNDUZ	
15:40 - 16:20 TM202	The mechanism of formation of antibodies	Ayten GUNDUZ	
<b>Friday, October 24, 2025</b>			
08:30 - 09:10 TBK202	Erythrocyte biochemistry and hemoglobin synthesis	Tuýba Raika CALL	
09:20 - 10:00 TBK202	Erythrocyte biochemistry and hemoglobin synthesis	Tuýba Raika CALL	
10:10 - 10:50 FYZ202	The Body's Resistance to Infection I: Leukocytes, Granulocytes, Monocytes-Macrophage System and Inflammation	Feyzi DOYRU	
11:00 - 11:40 FYZ202	The Body's Resistance to Infection I: Leukocytes, Granulocytes, Monocytes-Macrophage System and Inflammation	Feyzi DOYRU	
13:10 - 13:50 FYZ202	The Body's Resistance to Infection II: Immunity, Natural Immunity and Allergy Benefits	TRUE	
14:00 - 14:40 yMM202	Innate immunity	Mehmet YABAS	
14:50 - 15:30 yMM202	Innate immunity	Mehmet YABAS	
15:40 - 16:20 yMM202	Complementary system	Mehmet YABAS	

Monday, October 27, 2025	Course Name	Faculty Member
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50 İMM202	Structure and functions of MHC molecules	Mehmet YABAS
11:00 - 11:40 İMM202	Antigen processing and presentation	Mehmet YABAS
13:10 - 13:50 İMM202	Antigen processing and presentation	Mehmet YABAS
14:00 - 14:40 FYZ202	Blood Groups and Transfusion	Feyzi DOYRU
14:50 - 15:30 FYZ202	Hemostasis and Blood Clotting	Feyzi DOYRU
15:40 - 16:20 FYZ202	Hemostasis and Blood Clotting	Feyzi DOYRU
<b>Tuesday, October 28, 2025</b>		
08:30 - 09:10 ANA202	diaphragm	Hüdyr Molasses
09:20 - 10:00 ANA202	Mediastinum	Hüdyr Molasses
10:10 - 10:50 FYZ202	General information about Respiratory Physiology	Feyzi DOYRU
11:00 - 11:40	FREELANCE	
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Wednesday, October 29, 2025</b>		
08:30 - 09:10	<b>OCTOBER 29 REPUBLIC DAY</b>	
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Thursday, October 30, 2025</b>		
08:30 - 09:10 FYZ202	Lung Ventilation	Feyzi DOYRU
09:20 - 10:00 FYZ202	Lung Ventilation	Feyzi DOYRU
10:10 - 10:50 TBK202	Bilirubin Metabolism	Fatma OZYALIN
11:00 - 11:40 TBK202	Bilirubin Metabolism	Fatma OZYALIN
13:10 - 13:50 İMM202	Lymphocyte receptors and ensuring diversity	Mehmet YABAS
14:00 - 14:40 İMM202	T cell development and activation In	Mehmet YABAS
14:50 - 15:30 TM202	vitro antigen antibody reactions In vitro	Ayten GUNDUZ
15:40 - 16:20 TM202	antigen antibody reactions	Ayten GUNDUZ
<b>Friday, October 31, 2025</b>		
08:30 - 09:10 HE202/ANA202	LAB (Blood Tissue Histology) Group-A / LAB (Thorax Wall Anatomy, Diaphragm, Mediastinum) Group-B	Faculty Members of the Department (Histology-Anatomy)
09:20 - 10:00 HE202/ANA202	LAB (Blood Tissue Histology) Group-A / LAB (Thorax Wall Anatomy, Diaphragm, Mediastinum) Group-B	Faculty Members of the Department (Histology-Anatomy)
10:10 - 10:50 HE202/ANA202	LAB (Blood Tissue Histology) Group-B / LAB (Thorax Wall Anatomy, Diaphragm, Mediastinum) Group-A	Faculty Members of the Department (Histology-Anatomy)
11:00 - 11:40 HE202/ANA202	LAB (Blood Tissue Histology) Group-B / LAB (Thorax Wall Anatomy, Diaphragm, Mediastinum) Group-A	Faculty Members of the Department (Histology-Anatomy)
13:10 - 13:50 İMM202	Effector mechanisms of cellular immunity	Mehmet YABAS
14:00 - 14:40 İMM202	Effector mechanisms of cellular immunity	Mehmet YABAS
14:50 - 15:30 TM202	Introduction to the complement system	Ayten GUNDUZ
15:40 - 16:20 TM202	Introduction to the complement system	Ayten GUNDUZ

Monday, November 3, 2025	Course Name	Faculty Member
08:30 - 09:10 MBU202	MBU IV: Blood Practices Group A	Feyzi DOYRU
09:20 - 10:00 MBU202	MBU IV: Blood Practices Group A	Feyzi DOYRU
10:10 - 10:50 MBU202	MBU IV: Blood Practices Group A	Feyzi DOYRU
11:00 - 11:40 MBU202	MBU IV: Blood Practices Group A	Feyzi DOYRU
13:10 - 13:50 ANA202	Nose Anatomy	Muhammed Furkan ARPACI
14:00 - 14:40 ANA202	Paranasal Sinuses	Muhammed Furkan ARPACI
14:50 - 15:30 HE202	Histology of the nose, trachea, larynx	Emrah ZAYMAN
15:40 - 16:20 HE202	Histology of the nose, trachea, larynx	Emrah ZAYMAN
<b>Tuesday, November 4, 2025</b>		
08:30 - 09:10 MBU202	MBU IV: Blood Practices Group B	Feyzi DOYRU
09:20 - 10:00 MBU202	MBU IV: Blood Practices Group B	Feyzi DOYRU
10:10 - 10:50 MBU202	MBU IV: Blood Practices Group B	Feyzi DOYRU
11:00 - 11:40 MBU202	MBU IV: Blood Practices Group B	Feyzi DOYRU
13:10 - 13:50 FyZ202	Pulmonary Circulation, Pulmonary Edema, Pleural Fluid	Feyzi DOYRU
14:00 - 14:40 FyZ202	Pulmonary Circulation, Pulmonary Edema, Pleural Fluid	Feyzi DOYRU
14:50 - 15:30 TM202	Structure and functions of antigen	Ayten GUNDUZ
15:40 - 16:20 TM202	Structure and functions of antigen	Ayten GUNDUZ
<b>Wednesday, November 5, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00 yM202	B cell development	Mehmet YABAS
10:10 - 10:50 yM202	Immunoglobulins	Mehmet YABAS
11:00 - 11:40 yM202	Effector mechanisms of humoral immunity	Mehmet YABAS
13:10 - 13:50 yM202	Effector mechanisms of humoral immunity	Mehmet YABAS
14:00 - 14:40 yM202	Cytokines	Mehmet YABAS
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, November 6, 2025</b>		
08:30 - 09:10 HE202	Lung histology	Emrah ZAYMAN
09:20 - 10:00 HE202	Lung histology	Emrah ZAYMAN
10:10 - 10:50 FyZ202	Physical Principles of Gas Exchange: Oxygen and Carbon Dioxide Diffusion	Feyzi DOYRU
11:00 - 11:40 FyZ202	Transport of Oxygen and Carbon Dioxide in Blood and Tissue Fluids	Feyzi DOYRU
13:10 - 13:50 FyZ202	Regulation of breathing	Feyzi DOYRU
14:00 - 14:40 FyZ202	Regulation of breathing	Feyzi DOYRU
14:50 - 15:30 FyZ202	Respiratory Failure, Pathophysiology, Diagnosis and Oxygen Therapy	Feyzi DOYRU
15:40 - 16:20 FyZ202	Respiratory Failure, Pathophysiology, Diagnosis and Oxygen Therapy	Feyzi DOYRU
<b>Friday, November 7, 2025</b>		
08:30 - 09:10 ANA202/MBU202	LAB (Nose Anatomy, Paranasal Sinuses) Group-A / MBU V: Evaluation of blood cells in peripheral blood smear Group B	AD Instructors (Anatomy) / M. Fatih UZANULU
09:20 - 10:00 ANA202/MBU202	LAB (Nose Anatomy, Paranasal Sinuses) Group-A / MBU V: Evaluation of blood cells in peripheral blood smear Group B	AD Instructors (Anatomy) / M. Fatih UZANULU
10:10 - 10:50 ANA202/MBU202	LAB (Nose Anatomy, Paranasal Sinuses) Group-B / MBU V: Evaluation of blood cells in peripheral blood smear Group A	Faculty Members of the Department (Anatomy) / M. Fatih UZANULU
11:00 - 11:40 ANA202/MBU202	LAB (Nose Anatomy, Paranasal Sinuses) Group-B / MBU V: Evaluation of blood cells in peripheral blood smear Group A	AD Instructors (Anatomy) / M. Fatih UZANULU
13:10 - 13:50 ANA202	Larynx	Nihal Sümeyye ULUTAÿ
14:00 - 14:40 ANA202	Larynx	Nihal Sümeyye ULUTAÿ
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	

Monday, November 10, 2025	Course Name	Faculty Member
08:30 - 09:10	<b>NOVEMBER 10, ATATURK'S COMMEMORATION</b>	
09:20 - 10:00 FyZ202	Regulation of breathing at high altitude	Feyzi DOYRU
10:10 - 10:50 TM202	Cytokines and their functions	Ayten GUNDUZ
11:00 - 11:40 TM202	Cytokines and their functions	Ayten GUNDUZ
13:10 - 13:50 ANA202/ HE202	LAB (Laryngology) Group-A / (Sol.Sis.Hist.) Group-B	Faculty Members of the Department (Anatomy-Histology)
14:00 - 14:40 ANA202/ HE202	LAB (Laryngology) Group-A / (Sol.Sis.Hist.) Group-B	Faculty Members of the Department (Anatomy-Histology)
14:50 - 15:30 ANA202/ HE202	LAB (Laryngology) Group-B / (Sol.Sis.Hist.) Group-A	Faculty Members of the Department (Anatomy-Histology)
15:40 - 16:20 ANA202/ HE202	LAB (Laryngology) Group-B / (Sol.Sis.Hist.) Group-A	Faculty Members of the Department (Anatomy-Histology)
<b>Tuesday, November 11, 2025</b>		
08:30 - 09:10 TM202	Primary and Secondary Immune Response	Ayten GUNDUZ
09:20 - 10:00 TM202	Primary and Secondary Immune Response	Ayten GUNDUZ
10:10 - 10:50 TM202	Cellular immunity	Ayten GUNDUZ
11:00 - 11:40 ANA202	Trachea and Bronchi	Esra AKKUy YETKyN
13:10 - 13:50 FyZ202	Underwater physiology and hyperbaric conditions	Feyzi DOYRU
14:00 - 14:40 FyZ202	Regulation of Breathing During Exercise	Feyzi DOYRU
14:50 - 15:30 FyZ202	Regulation of Breathing During Exercise	Feyzi DOYRU
15:40 - 16:20	FREELANCE	
<b>Wednesday, November 12, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, November 13, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50 ANA202	Lungs and Pleura	Esra AKKUy YETKyN
11:00 - 11:40 ANA202	Lungs and Pleura	Esra AKKUy YETKyN
13:10 - 13:50 BF202	Respiratory Dynamics, Surface Tension	Mehtap DÜZ
14:00 - 14:40 BF202	Respiratory Dynamics, Surface Tension	Mehtap DÜZ
14:50 - 15:30 BF202	Respiratory Dynamics, Surface Tension	Mehtap DÜZ
15:40 - 16:20	FREELANCE	
<b>Friday, November 14, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00 TM202	Immunological laboratory diagnostic methods in the clinic	Ayten GUNDUZ
10:10 - 10:50 TM202	Immunological laboratory diagnostic methods in the clinic	Ayten GUNDUZ
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	

Monday, November 17, 2025		Course Name	Faculty Member
08:30 - 09:10	TM202	Phagocytosis	Ayten GUNDUZ
09:20 - 10:00	TM202	Mechanisms that regulate the immune system	Ayten GUNDUZ
10:10 - 10:50	TM202	Introduction to hypersensitivity mechanisms	Ayten GUNDUZ
11:00 - 11:40	FyZ202	Cardiovascular System in Exercise	Feyzi DOYRU
13:10 - 13:50	FyZ202	Cardiovascular System in Exercise	Feyzi DOYRU
14:00 - 14:40	yMM202	Basic principles of immunization	Mehmet YABAS
14:50 - 15:30	yMM202	Immunological methods	Mehmet YABAS
15:40 - 16:20	ANA202	Respiratory System Clinical Anatomy	Nihal Sümeyye ULUTAÿ
<b>Tuesday, November 18, 2025</b>			
08:30 - 09:10	HE202	Development of the respiratory system	Oya KORKMAZ
09:20 - 10:00	HE202	Development of the respiratory system	Oya KORKMAZ
10:10 - 10:50	TM202	Vaccines and serums	Ayten GUNDUZ
11:00 - 11:40	TM202	Vaccines and serums	Ayten GUNDUZ
13:10 - 13:50	FyZ202	Respiratory Function Tests	Feyzi DOYRU
14:00 - 14:40	FyZ202	Respiratory Function Tests	Feyzi DOYRU
14:50 - 15:30	MBU 202 / ANA202	MBU VI: Respiratory Function Test Group A / LAB (Trachea and Bronchi, Lungs and Pleura) Group-B	Feyzi DOYRU / AD Lecturer Elements (Anatomy)
15:40 - 16:20	MBU 202 / ANA202	MBU VI: Respiratory Function Test Group A / LAB (Trachea and Bronchi, Lungs and Pleura) Group-B	Feyzi DOYRU / AD Lecturer Elements (Anatomy)
<b>Wednesday, November 19, 2025</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50		FREELANCE	
14:00 - 14:40		FREELANCE	
14:50 - 15:30		FREELANCE	
15:40 - 16:20		FREELANCE	
<b>Thursday, November 20, 2025</b>			
08:30 - 09:10	MBU 202 / ANA202	MBU VI: Respiratory Function Test Group B / LAB (Trachea and Bronchi, Lungs and Pleura) Group-A	Feyzi DOYRU / AD Lecturer Elements (Anatomy)
09:20 - 10:00	MBU 202 / ANA202	MBU VI: Respiratory Function Test Group B / LAB (Trachea and Bronchi, Lungs and Pleura) Group-A	Feyzi DOYRU / AD Lecturer Elements (Anatomy)
10:10 - 10:50	ANA202	LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
11:00 - 11:40	ANA202	LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
13:10 - 13:50	ANA202	LAB (General study) Group-B	Faculty Members of the Department (Anatomy)
14:00 - 14:40	ANA202	LAB (General study) Group-B	Faculty Members of the Department (Anatomy)
14:50 - 15:30		FREELANCE	
15:40 - 16:20		FREELANCE	
<b>Friday, November 21, 2025</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50		FREELANCE	
14:00 - 14:40		FREELANCE	
14:50 - 15:30		FREELANCE	
15:40 - 16:20		FREELANCE	

<b>Monday, November 24, 2025</b>	<b>Course Name</b>	<b>Faculty Member</b>
08:30 - 09:10		
09:20 - 10:00	<b>THEORETICAL EXAM</b>	
10:10 - 10:50		
11:00 - 11:40	<b>EVALUATION OF THEORETICAL EXAM QUESTIONS</b>	
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Tuesday, November 25, 2025</b>		
08:30 - 09:10	<b>PRACTICAL EXAM</b>	
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		

## DIGESTIVE SYSTEM COURSE BOARD

No.	Committee	Start-End	Week	Theoretical	Practical	ECTS
203	Digestive Course Board	November 26 - December 24, 2025	4	54	58	7
COURSES			CLASS HOURS			
			THEORETICAL	PRACTICE		
ANATOMY (ANA-203)			20	36		
HISTOLOGY AND EMBRYOLOGY (HE-203)			15	22		
PHYSIOLOGY (PHYS-203)			15	-		
TIBBY BYYOKMYA (TBK-203)			4	-		
PROFESSIONAL SKILLS APPLICATION			-	-		
<b>TOTAL</b>			<b>54</b>	<b>58</b>		
ELECTIVE			6			
FREELANCE			54			

## PURPOSE OF THE DIGESTIVE SYSTEM COURSE BOARD

The aim is to learn the normal structure and functions of the excretory and digestive systems. The macroscopic and microscopic structures, functions, and cellular-level working systems of the organs that make up the gastrointestinal system will be examined.

## LEARNING OBJECTIVES OF THE DIGESTIVE SYSTEM COURSE BOARD

**Information LO 1.** Oral cavity, tongue, teeth and supporting tissues, salivary glands, esophagus, stomach, liver, gall bladder, Students will learn the basic concepts and information about the normal development, anatomy, physiology, microscopic structure, and functions of the pancreas, small intestine, and large intestine. **LO 2.** Mechanisms related to digestion, its regulation, and effective factors. Anomalies of the digestive system and basic will be able to understand functional disorders.

**LO 3.** Will be able to explain the basic biochemical processes in carbohydrate, lipid and protein metabolism and the general characteristics of these processes.

**LO 4.** Will be able to describe the biochemical and physiological properties that play a role in the digestion and absorption of basic nutrients.

### **Skill**

**LO 5.** Will be able to make biochemical and physiological measurements that help in the examination of general metabolic processes. **LO**

**6.** Will be able to make macroscopic and microscopic evaluations of the digestive and excretory systems.

## DIGESTIVE SYSTEM COURSE BOARD LEARNING OBJECTIVES

### Attitude

**ÖH 7.** As a medical school student, they will be aware of the need to access current information. **ÖH 8.** As a medical school student, they will be aware of the need for study discipline. **ÖH 9.** As a medical school student, they will understand that medical education is a holistic process and that all the information they need for their future education will be useful. **ÖH 10.** As a medical school student, they will be aware that it is.

## DIGESTIVE SYSTEM COURSE BOARD LEARNING PROGRAM COMPETENCIES WITH OBJECTIVES MATCHING

PY 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
ÖH1																		x					
ÖH2																		x					
ÖH3																		x					
ÖH4																		x					
ÖH5		x																x					
ÖH6		x																x					
ÖH7																		x			x		
ÖH8									x									x	x				x
ÖH9					x													x					

## DIGESTIVE SYSTEM COURSE BOARD TEACHING METHODS

### KNOWLEDGE-ORIENTED EDUCATION

- Classroom lesson / Educational presentation
- Practical lessons
- Independent learning practices (Free working hours)

### MEDICAL PRACTICES DIRECTED EDUCATION

- Professional skills applications
- Laboratory applications
- Independent learning practices

### PROFESSIONALISM EDUCATION

- Vocational skills applications
- Laboratory applications

## DIGESTIVE SYSTEM BOARD MEASUREMENT AND EVALUATION METHODS

**END OF BOARD THEORETICAL EXAM** It consists of multiple choice questions determined according to the number of courses.

### END OF BOARD PRACTICAL EXAM

Practical lessons and Professional Skills held within the Board  
It consists of oral and practical questions covering their applications.

### END OF BOARD GRADE CALCULATION

It is stated in the Education-Training and Examination Regulation.

## DIGESTIVE SYSTEM COURSE BOARD COURSES WEIGHTS

	Class Hours	Percentage (%)
THEORETICAL COURSE	54	31
PRACTICAL LESSON	58	34
ELECTIVE	6	4
FREELANCE	54	31

<b>COURSE BOARD III: DIGESTIVE SYSTEM COURSE BOARD</b>			
<b>Wednesday, November 26, 2025</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50		FREELANCE	
14:00 - 14:40		FREELANCE	
14:50 - 15:30		FREELANCE	
15:40 - 16:20		FREELANCE	
<b>Thursday, November 27, 2025</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00	ANA203 Medical terminology (Digestive system)		Gökçe BAÿCI UZUN
10:10 - 10:50	ANA203 Oral and dental anatomy and salivary glands		Gökçe BAÿCI UZUN
11:00 - 11:40	ANA203 Tongue and Chewing Muscles		Gökçe BAÿCI UZUN
13:10 - 13:50	HE203 Lip, palate, cheek, tooth histology		Emrah ZAYMAN
14:00 - 14:40	HE203 Lip, palate, cheek, tooth histology		Emrah ZAYMAN
14:50 - 15:30		<b>ELECTIVE</b>	
15:40 - 16:20		<b>ELECTIVE</b>	
<b>Friday, November 28, 2025</b>			
08:30 - 09:10	ANA203 LAB (Mouth and Teeth Anatomy, Salivary Glands, Tongue and Masticatory Muscles)	Group-A AD Instructors (Anatomy)	
09:20 - 10:00	ANA203 LAB (Mouth and Teeth Anatomy, Salivary Glands, Tongue and Masticatory Muscles)	Group-A AD Instructors (Anatomy)	
10:10 - 10:50	FyZ203 Structure and Organization of the Digestive System		Feyzi DOÿRU
11:00 - 11:40	FyZ203 Structure and Organization of the Digestive System		Feyzi DOÿRU
13:10 - 13:50	ANA203 LAB (Mouth and Teeth Anatomy, Salivary Glands, Tongue and Masticatory Muscles)	Group-B AD Instructors (Anatomy)	
14:00 - 14:40	ANA203 LAB (Mouth and Teeth Anatomy, Salivary Glands, Tongue and Masticatory Muscles)	Group-B AD Lecturers (Anatomy)	
14:50 - 15:30		FREELANCE	
15:40 - 16:20		FREELANCE	

Monday, December 1, 2025	Course Name	Faculty Member
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50 FyZ203	General Principles, motility, elect. Activity motor function.	Feyzi DOYRU
11:00 - 11:40 FyZ203	General Principles, motility, elect. Activity motor function.	Feyzi DOYRU
13:10 - 13:50 HE203	LAB (Dental histology) A	Faculty Members of the Department (Histology)
14:00 - 14:40 HE203	LAB (Dental histology) B	Faculty Members of the Department (Histology)
14:50 - 15:30	<b>ELECTIVE</b>	
15:40 - 16:20	<b>ELECTIVE</b>	
<b>Tuesday, December 2, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50 ANA203	Pharynx	Muhammed Furkan ARPACI
11:00 - 11:40 ANA203	Oesophagus	Muhammed Furkan ARPACI
13:10 - 13:50 HE203	Histology of the Tongue and Major Salivary Glands	Oya KORKMAZ
14:00 - 14:40 HE203	Histology of the Esophagus	Oya KORKMAZ
14:50 - 15:30 HE203	Histology of the Esophagus	Oya KORKMAZ
15:40 - 16:20 FyZ203	Chewing and swallowing	Feyzi DOYRU
<b>Wednesday, December 3, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, December 4, 2025</b>		
08:30 - 09:10 ANA203/HE203	LAB (Pharynx, Oesophagus) Group-A / (Salival glands, tongue histology) Group-B	Faculty Members of the Department (Anatomy-Histology)
09:20 - 10:00 ANA203/HE203	LAB (Pharynx, Oesophagus) Group-A / (Salival glands, tongue histology) Group-B	Faculty Members of the Department (Anatomy-Histology)
10:10 - 10:50 ANA203/HE203	LAB (Pharynx, Oesophagus) Group-B / (Salival glands, tongue histology) Group-A	Faculty Members of the Department (Anatomy-Histology)
11:00 - 11:40 ANA203/HE203	LAB (Pharynx, Oesophagus) Group-B / (Salival glands, tongue histology) Group-A	Faculty Members of the Department (Anatomy-Histology)
13:10 - 13:50 ANA203	Abdominal Cavity Topography	Esra AKKUJY YETKYN
14:00 - 14:40 ANA203	Anterior and Lateral Abdominal Wall	Esra AKKUJY YETKYN
14:50 - 15:30 ANA203	Canalis ynguinalis, ynguinal FytYklar	Esra AKKUJY YETKYN
15:40 - 16:20 ANA203	Posterior Abdominal Wall	Esra AKKUJY YETKYN
<b>Friday, December 5, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50 ANA203	LAB (Abdominal Cavity Topography, Anterior, Lateral and Posterior Abdominal Walls) Group-A	Faculty Members of the Department (Anatomy)
11:00 - 11:40 ANA203	LAB (Abdominal Cavity Topography, Anterior, Lateral and Posterior Abdominal Walls) Group-A	Faculty Members of the Department (Anatomy)
13:10 - 13:50 FyZ203	Digestion in the Mouth and Stomach	Feyzi DOYRU
14:00 - 14:40 FyZ203	Digestion in the Mouth and Stomach	Feyzi DOYRU
14:50 - 15:30 ANA203	LAB (Abdominal Cavity Topography, Anterior, Lateral and Posterior Abdominal Walls) Group- B	Faculty Members of the Department (Anatomy)
15:40 - 16:20 ANA203	LAB (Abdominal Cavity Topography, Anterior, Lateral and Posterior Abdominal Walls) Group- B	Faculty Members of the Department (Anatomy)

Monday, December 8, 2025	Course Name	Faculty Member
08:30 - 09:10 ANA203	Stomach	Hüdyr Molasses
09:20 - 10:00 ANA203	Gross Anatomy of the Intestines, Small Intestines	Hüdyr Molasses
10:10 - 10:50 HE203	Stomach Histology	Emrah ZAYMAN
11:00 - 11:40 HE203	Histology of the	Emrah ZAYMAN
13:10 - 13:50 HE203	stomach Histology of the small	Emrah ZAYMAN
14:00 - 14:40 HE203	intestine Histology of the small intestine	Emrah ZAYMAN
14:50 - 15:30 ANA203	Large intestines	Gökçe BAÏCI UZUN
15:40 - 16:20 ANA203	Large intestines	Gökçe BAÏCI UZUN
<b>Tuesday, December 9, 2025</b>		
08:30 - 09:10 ANA203/HE203	LAB (Stomach and Small Intestines) Group-A/ (Esophagus, Stomach Histology) Group-B	Faculty Members of the Department (Anatomy-Histology)
09:20 - 10:00 ANA203/HE203	LAB (Stomach and Small Intestines) Group-A/ (Esophagus, Stomach Histology) Group-B	Faculty Members of the Department (Anatomy-Histology)
10:10 - 10:50 ANA203/HE203	LAB (Stomach and Small Intestines) Group-B/ (Esophagus, Stomach Histology) Group-A	Faculty Members of the Department (Anatomy-Histology)
11:00 - 11:40 ANA203/HE203	LAB (Stomach and Small Intestines) Group-B/ (Esophagus, Stomach Histology) Group-A	Faculty Members of the Department (Anatomy-Histology)
13:10 - 13:50 HE203	Histology of the large intestine	Emrah ZAYMAN
14:00 - 14:40 FyZ203	Digestion and absorption in the small and large intestine	Feyzi DOÏRU
14:50 - 15:30 FyZ203	Digestion and absorption in the small and large intestine	Feyzi DOÏRU
15:40 - 16:20 FyZ203	Exocrine Pancreatic Secretions	Feyzi DOÏRU
<b>Wednesday, December 10, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, December 11, 2025</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00 ANA203	Peritoneum, Omentum Majus, Minus and Bursa Omentalis	Hüdyr Molasses
10:10 - 10:50 ANA203	Peritoneum, Omentum Majus, Minus and Bursa Omentalis	Hüdyr Molasses
11:00 - 11:40 ANA203	Liver	Muhammed Furkan ARPACI
13:10 - 13:50 ANA203	Gallbladder and gallbladder ducts	Muhammed Furkan ARPACI
14:00 - 14:40 HE203	Liver histology	Emrah ZAYMAN
14:50 - 15:30 HE203	Liver histology	Emrah ZAYMAN
15:40 - 16:20	FREELANCE	
<b>Friday, December 12, 2025</b>		
08:30 - 09:10 HE203/ANA203	LAB (Small and Large Intestine Histology) Group-A/ (Large Bar., Peritoneum, Omentum Majus, Minus, Bursa Omentalis) Group-B	Faculty Members of the Department (Histology-Anatomy)
09:20 - 10:00 HE203/ANA203	LAB (Small and Large Intestine Histology) Group-A/ (Large Bar., Peritoneum, Omentum Majus, Minus, Bursa Omentalis) Group-B	Faculty Members of the Department (Histology-Anatomy)
10:10 - 10:50 HE203/ANA203	LAB (Small and Large Intestine Histology) Group-B/ (Large Bar., Peritoneum, Omentum Majus, Minus, Bursa Omentalis) Group-A	Faculty Members of the Department (Histology-Anatomy)
11:00 - 11:40 HE203/ANA203	LAB (Small and Large Intestine Histology) Group-B/ (Large Bar., Peritoneum, Omentum Majus, Minus, Bursa Omentalis) Group-A	Faculty Members of the Department (Histology-Anatomy)
13:10 - 13:50 FyZ203	Liver Functions	Feyzi DOÏRU
14:00 - 14:40 FyZ203	Liver Functions	Feyzi DOÏRU
14:50 - 15:30 TBK203	Digestion and absorption of carbohydrates	TuÏba Raika CALL
15:40 - 16:20 TBK203	Digestion and absorption of carbohydrates	TuÏba Raika CALL

<b>Monday, December 15, 2025</b>		<b>Course Name</b>	<b>Faculty Member</b>
08:30 - 09:10		<b>ELECTIVE</b>	
09:20 - 10:00		<b>ELECTIVE</b>	
10:10 - 10:50 HE203		Histology of the Pancreas and Gallbladder	Emrah ZAYMAN
11:00 - 11:40 FyZ203		Functions of Bile	Feyzi DOYRU
13:10 - 13:50 ANA203/HE203		LAB (Liver, Gallbladder and Tracts) Group-A/ (Liver histology) Group-B	Faculty Members of the Department (Anatomy-Histology)
14:00 - 14:40 ANA203/HE203		LAB (Liver, Gallbladder and Tracts) Group-A/ (Liver histology) Group-B	Faculty Members of the Department (Anatomy-Histology)
14:50 - 15:30 ANA203/HE203		LAB (Liver, Gallbladder and Tracts) Group-B/ (Liver histology) Group-A	Faculty Members of the Department (Anatomy-Histology)
15:40 - 16:20 ANA203/HE203		LAB (Liver, Gallbladder and Tracts) Group-B/ (Liver histology) Group-A	Faculty Members of the Department (Anatomy-Histology)
<b>Tuesday, December 16, 2025</b>			
08:30 - 09:10		<b>FREELANCE</b>	
09:20 - 10:00 FyZ203		Hunger, Fullness, Appetite, Nausea, Thirst	Feyzi DOYRU
10:10 - 10:50 FyZ203		Hunger, Fullness, Appetite, Nausea, Thirst	Feyzi DOYRU
11:00 - 11:40 TBK203		Digestion and absorption of proteins	Fatma OZYALIN
13:10 - 13:50 TBK203		Digestion and absorption of lipids	Tuýba Raika CALL
14:00 - 14:40 ANA203		Pancreas and Spleen	Nihal Sümeyye ULUTAÝ
14:50 - 15:30 ANA203		Portal system and Portacaval anastomoses	Nihal Sümeyye ULUTAÝ
15:40 - 16:20		<b>FREELANCE</b>	
<b>Wednesday, December 17, 2025</b>			
08:30 - 09:10		<b>FREELANCE</b>	
09:20 - 10:00 HE203		Embryology of the Digestive System	Oya KORKMAZ
10:10 - 10:50 HE203		Embryology of the Digestive System	Oya KORKMAZ
11:00 - 11:40 ANA203		Clinical Anatomy of the Digestive System	Esra AKKUÝ YETKYN
13:10 - 13:50 ANA203/HE203		LAB (Portal System, Pancreas and Spleen) Group-B/(Pancreas and gallbladder histology) Group A	Faculty Members of the Department (Anatomy-Histology)
14:00 - 14:40 ANA203/HE203		LAB (Portal System, Pancreas and Spleen) Group-B/(Pancreas and gallbladder histology) Group A	Faculty Members of the Department (Anatomy-Histology)
14:50 - 15:30 ANA203/HE203		LAB (Portal System, Pancreas and Spleen) Group-A/ (Pancreas and gallbladder histology) Group B	Faculty Members of the Department (Anatomy-Histology)
15:40 - 16:20 ANA203/HE203		LAB (Portal System, Pancreas and Spleen) Group-A/ (Pancreas and gallbladder histology) Group B	Faculty Members of the Department (Anatomy-Histology)
<b>Thursday, December 18, 2025</b>			
08:30 - 09:10 ANA203		LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
09:20 - 10:00 ANA203		LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
10:10 - 10:50 ANA203		LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
11:00 - 11:40 ANA203		LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
13:10 - 13:50 ANA203		LAB (General study) Group-B	Faculty Members of the Department (Anatomy)
14:00 - 14:40 ANA203		LAB (General study) Group-B	Faculty Members of the Department (Anatomy)
14:50 - 15:30 ANA203		LAB (General study) Group-B	Faculty Members of the Department (Anatomy)
15:40 - 16:20 ANA203		LAB (General study) Group-B	Faculty Members of the Department (Anatomy)
<b>Friday, December 19, 2025</b>			
08:30 - 09:10		<b>FREELANCE</b>	
09:20 - 10:00		<b>FREELANCE</b>	
10:10 - 10:50		<b>FREELANCE</b>	
11:00 - 11:40		<b>FREELANCE</b>	
13:10 - 13:50		<b>FREELANCE</b>	
14:00 - 14:40		<b>FREELANCE</b>	
14:50 - 15:30		<b>FREELANCE</b>	
15:40 - 16:20		<b>FREELANCE</b>	

<b>Monday, December 22, 2025</b>	<b>Course Name</b>	<b>Faculty Member</b>
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Tuesday, December 23, 2025</b>		
08:30 - 09:10		
09:20 - 10:00	<b>THEORETICAL EXAM</b>	
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50	<b>EVALUATION OF THEORETICAL EXAM QUESTIONS</b>	
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Wednesday, December 24, 2025</b>		
08:30 - 09:10	<b>PRACTICAL EXAM</b>	
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		

## METABOLISM AND ENDOCRINE SYSTEM COURSE BOARD

No. Komite	Start-End	Week	Theoretical	Practical	ECTS
204 Metabolism and Endocrine System Course Board	December 25, 2025 - February 11, 2026	5+2*	87	28	8
COURSES		CLASS HOURS			
		THEORETICAL	PRACTICE		
ANATOMY (ANA-204)		4	4		
HISTOLOGY AND EMBRYOLOGY (HE-204)		4	8		
PHYSIOLOGY (PHYS-204)		30	-		
TIBBY BYYOKMYA (TBK-204)		49	12		
PROFESSIONAL SKILLS APPLICATION		-	4		
<b>TOTAL</b>		<b>87</b>	<b>28</b>		
ELECTIVE		6			
FREELANCE		59			

PROFESSIONAL SKILLS APPLICATIONS (MBU)		Faculty Member	Lesson The time
MBU VII	Measuring blood sugar with a glucometer – BIOCHEMISTRY AD	Fatma OZYALIN	4

**\* SEMESTER BREAK (2 Weeks), (January 19 – January 30, 2026)**

## PURPOSE OF THE METABOLISM AND ENDOCRINE SYSTEM COURSE BOARD

By the end of this board, students will learn the normal structures, functions, and mechanisms of action of the endocrine organs that are involved in the regulation of basic body functions, growth, development, and reproduction.

The structures and functions of hormones and enzymes belonging to the metabolism and endocrine system will be examined. The structures, endocrine and exocrine secretions, and functions of the structures that make up the endocrine system will be examined.

## METABOLISM AND ENDOCRINYSYSTEM COURSE BOARD LEARNING OBJECTIVES

**Information LO 1.** Explains the general properties, mechanisms of action, control mechanisms, and relationship with diseases of the pituitary and hypothalamus, adrenal cortex, adrenal medulla, and pancreas hormones, as well as their mechanisms of diagnosis and treatment. **LO 2.** Explains the embryonic development and histological characteristics of the endocrine system. **LO 3.** Explains the biochemistry and physiology of thyroid hormones. **LO 4.** Learns the functions of hormones involved in the regulation of metabolism and understands the metabolic steps on which they are effective.

### **Skill**

**LO 5.** Will be able to make biochemical and physiological measurements that help in the examination of general metabolic processes. **LO 6.** Will be able to make macroscopic and microscopic evaluations of the digestive and excretory systems.

## **METABOLISM AND ENDOCRINYSYSTEM COURSE BOARD LEARNING OBJECTIVES**

### **Attitude**

**ÖH7.** As a medical student, they will be aware of the need for access to up-to-date information. **ÖH 8.**

As a medical student, they will be aware of the need for study discipline. **ÖH 9.** As a medical student, they will be aware that medical education is a holistic process and that all the knowledge they gain is necessary for their future studies.



## TEACHING METHODS OF THE METABOLISM AND ENDOCRINYSYSTEM COURSE BOARD

### KNOWLEDGE-ORIENTED EDUCATION

- Classroom lesson / Trainer presentation
- Practical lessons

### MEDICAL PRACTICES DIRECTED EDUCATION

- Professional skills applications
- Laboratory applications
- Independent learning practices

### PROFESSIONALISM EDUCATION

- Professional skills applications
- Laboratory applications

## METABOLISM AND ENDOCRINYSYSTEM COURSE BOARD MEASUREMENT AND EVALUATION METHODS

**END OF BOARD THEORETICAL EXAM** It consists of multiple choice questions determined according to the number of courses.

### END OF BOARD PRACTICAL EXAM

Practical lessons and Professional Skills held within the Board  
It consists of oral and practical questions covering their applications.

### END OF BOARD GRADE CALCULATION

It is stated in the Education-Training and Examination Regulation.

## **METABOLISM AND ENDOCRINE SYSTEM COURSE BOARD**

### **WEIGHTS OF THE COURSES**

	<b>Class Hours</b>	<b>Percentage (%)</b>
<b>THEORETICAL COURSE</b>	<b>87</b>	<b>48</b>
<b>PRACTICAL LESSON</b>	<b>28</b>	<b>16</b>
<b>ELECTIVE</b>	<b>6</b>	<b>3</b>
<b>FREELANCE</b>	<b>59</b>	<b>33</b>

<b>COURSE BOARD IV: METABOLISM AND ENDOCRINE SYSTEM COURSE BOARD</b>			
<b>Thursday, December 25, 2025</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40 ANA204	Medical terminology (Metabolism and Endocrine system)		Nihal Sümeyye ULUTAÿ
13:10 - 13:50 FyZ204	Energy transformation and balance		Blessed PALA
14:00 - 14:40 FyZ204	Regulation of basal metabolism		Blessed PALA
14:50 - 15:30 TBK204	Biological oxidation		Tuÿba Raika CALL
15:40 - 16:20 TBK204	Biological oxidation		Tuÿba Raika CALL
<b>Friday, December 26, 2025</b>			
08:30 - 09:10 FyZ204	Regulation of body temperature		Blessed PALA
09:20 - 10:00 FyZ204	Regulation of body temperature		Blessed PALA
10:10 - 10:50	<b>ELECTIVE</b>		
11:00 - 11:40	<b>ELECTIVE</b>		
13:10 - 13:50 HE204	Pituitary Histology		Emrah ZAYMAN
14:00 - 14:40 HE204	Pituitary Histology		Emrah ZAYMAN
14:50 - 15:30 TBK204	Respiratory chain and oxidative phosphorylation		Tuÿba Raika CALL
15:40 - 16:20 TBK204	Respiratory chain and oxidative phosphorylation		Tuÿba Raika CALL

Monday, December 29, 2025		Course Name	Faculty Member
08:30 - 09:10	ANA204	Endocrine System Anatomy	Nihal Sümeyye ULUTAÿ
09:20 - 10:00	ANA204	Endocrine System Anatomy	Nihal Sümeyye ULUTAÿ
10:10 - 10:50	FyZ204	Carbohydrate, fat and protein metabolism	Blessed PALA
11:00 - 11:40	FyZ204	Carbohydrate, fat and protein metabolism	Blessed PALA
13:10 - 13:50	FyZ204	Carbohydrate, fat and protein metabolism	Blessed PALA
14:00 - 14:40	FyZ204	Carbohydrate, fat and protein metabolism	Blessed PALA
14:50 - 15:30	TBK204	Respiratory chain and oxidative phosphorylation	Tuÿba Raika CALL
15:40 - 16:20	TBK204	Respiratory chain and oxidative phosphorylation	Tuÿba Raika CALL
<b>Tuesday, December 30, 2025</b>			
08:30 - 09:10	TBK204	Citric acid cycle	Fatma OZYALIN
09:20 - 10:00	TBK204	Citric acid cycle	Fatma OZYALIN
10:10 - 10:50	TBK204	Uptake of monosaccharides into cells	Tuÿba Raika CALL
11:00 - 11:40	ANA204	Endocrine System Clinical Anatomy	Nihal Sümeyye ULUTAÿ
13:10 - 13:50	HE204/ ANA204	LAB (Pituitary Histology) Group-B/(Endocrine System Anatomy) Group-A AD Lecturers (Histology-Anatomy)	
14:00 - 14:40	HE204/ ANA204	LAB (Pituitary Histology) Group-B/(Endocrine System Anatomy) Group-A AD Lecturers (Histology-Anatomy)	
14:50 - 15:30	HE204/ ANA204	LAB (Pituitary Histology) Group-A/(Endocrine System Anatomy) Group-B AD Lecturers (Histology-Anatomy)	
15:40 - 16:20	HE204/ ANA204	LAB (Pituitary Histology) Group-A/(Endocrine System Anatomy) Group-B AD Lecturers (Histology-Anatomy)	
<b>Wednesday, December 31, 2025</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50		FREELANCE	
14:00 - 14:40		FREELANCE	
14:50 - 15:30		FREELANCE	
15:40 - 16:20		FREELANCE	
<b>Thursday, January 1, 2026</b>			
08:30 - 09:10	<b>January 1st, New Year's Eve</b>		
09:20 - 10:00			
10:10 - 10:50			
11:00 - 11:40			
13:10 - 13:50			
14:00 - 14:40			
14:50 - 15:30			
15:40 - 16:20			
<b>Friday, January 2, 2026</b>			
08:30 - 09:10	TBK204	Glycolysis	Fatma OZYALIN
09:20 - 10:00	TBK204	Glycolysis	Fatma OZYALIN
10:10 - 10:50	FyZ204	Sports physiology and metabolic effects	Blessed PALA
11:00 - 11:40	FyZ204	Sports physiology and metabolic effects	Blessed PALA
13:10 - 13:50	FyZ204	Sports physiology and metabolic effects	Blessed PALA
14:00 - 14:40	FyZ204	General information about hormone physiology	Blessed PALA
14:50 - 15:30	FyZ204	General information about hormone physiology	Blessed PALA
15:40 - 16:20	FyZ204	General information about hormone physiology	Blessed PALA

Monday, January 5, 2026		Course Name	Faculty Member
08:30 - 09:10 FyZ204		Hypothalamus-pituitary functional relationship	Blessed PALA
09:20 - 10:00 FyZ204		Hypothalamus-pituitary functional relationship	Blessed PALA
10:10 - 10:50 TBK204		Glycogen metabolism	Fatma OZYALIN
11:00 - 11:40 TBK204		Glycogen metabolism	Fatma OZYALIN
13:10 - 13:50 TBK204		Gluconeogenesis	Fatma OZYALIN
14:00 - 14:40 TBK204		Gluconeogenesis	Fatma OZYALIN
14:50 - 15:30 HE204		Epiphysis, thyroid, parathyroid histology	Oya KORKMAZ
15:40 - 16:20 HE204		Adrenal gland histology	Oya KORKMAZ
<b>January 6, 2026</b>	Tuesday		
08:30 - 09:10 HE204		LAB (Thyroid and Adrenal Gland Histology) Group-B	Faculty Members of the Department (Histology)
09:20 - 10:00 HE204		LAB (Thyroid and Adrenal Gland Histology) Group-B	Faculty Members of the Department (Histology)
10:10 - 10:50 TBK204		Pentose phosphate pathway	Tuýba Raika CALL
11:00 - 11:40 TBK204		Pentose phosphate pathway	Tuýba Raika CALL
13:10 - 13:50 TBK204		Bile formation	Fatma OZYALIN
14:00 - 14:40 TBK204		Bile formation	Fatma OZYALIN
14:50 - 15:30 HE204		LAB (Thyroid and Adrenal Gland Histology) Group-A	Faculty Members of the Department (Histology)
15:40 - 16:20 HE204		LAB (Thyroid and Adrenal Gland Histology) Group-A	Faculty Members of the Department (Histology)
<b>Wednesday, January 7, 2026</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00 TBK204		LAB (Carbohydrate Determination Methods) Group-A	AD Faculty Members (Biochemistry)
10:10 - 10:50 TBK204		LAB (Carbohydrate Determination Methods) Group-A	AD Faculty Members (Biochemistry)
11:00 - 11:40 TBK204		LAB (Carbohydrate Determination Methods) Group-A	AD Faculty Members (Biochemistry)
13:10 - 13:50 TBK204		LAB (Carbohydrate Determination Methods) Group-B	AD Faculty Members (Biochemistry)
14:00 - 14:40 TBK204		LAB (Carbohydrate Determination Methods) Group-B	AD Faculty Members (Biochemistry)
14:50 - 15:30 TBK204		LAB (Carbohydrate Determination Methods) Group-B	AD Faculty Members (Biochemistry)
15:40 - 16:20		FREELANCE	
<b>Thursday, January 8, 2026</b>			
08:30 - 09:10 FyZ204		Physiology of pituitary hormones	Blessed PALA
09:20 - 10:00 FyZ204		Physiology of pituitary hormones	Blessed PALA
10:10 - 10:50 TBK204		Lipoproteins and their metabolism	Fatma OZYALIN
11:00 - 11:40 TBK204		Lipoproteins and their metabolism	Fatma OZYALIN
13:10 - 13:50 TBK204		Oxidation of fatty acids, ketogenesis	Tuýba Raika CALL
14:00 - 14:40 TBK204		Oxidation of fatty acids, ketogenesis	Tuýba Raika CALL
14:50 - 15:30		<b>ELECTIVE</b>	
15:40 - 16:20		<b>ELECTIVE</b>	
<b>Friday, January 9, 2026</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50		FREELANCE	
14:00 - 14:40		FREELANCE	
14:50 - 15:30		FREELANCE	
15:40 - 16:20		FREELANCE	

Monday, January 12, 2026	Course Name	Faculty Member
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50 TBK204	Metabolism of acylglycerols and sphingolipids	Tuýba Raika CALL
11:00 - 11:40 TBK204	Metabolism of acylglycerols and sphingolipids	Tuýba Raika CALL
13:10 - 13:50 FyZ204	Growth and growth hormone	Blessed PALA
14:00 - 14:40 FyZ204	Growth and growth hormone	Blessed PALA
14:50 - 15:30 TBK204	Biosynthesis of fatty acids and eicosanoids	Fatma OZYALIN
15:40 - 16:20 TBK204	Biosynthesis of fatty acids and eicosanoids	Fatma OZYALIN
<b>Tuesday, January 13, 2026</b>		
08:30 - 09:10 TBK204	Cholesterol synthesis and excretion	Fatma OZYALIN
09:20 - 10:00 TBK204	Cholesterol synthesis and excretion	Fatma OZYALIN
10:10 - 10:50 FyZ204	Thyroid hormones	Blessed PALA
11:00 - 11:40 FyZ204	Thyroid hormones	Blessed PALA
13:10 - 13:50	<b>ELECTIVE</b>	
14:00 - 14:40	<b>ELECTIVE</b>	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Wednesday, January 14, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, January 15, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50 TBK204	Biosynthesis and catabolism of amino acids	Tuýba Raika CALL
11:00 - 11:40 TBK204	Biosynthesis and catabolism of amino acids	Tuýba Raika CALL
13:10 - 13:50 TBK204	Catabolism of Amino Acids, Ammonia metabolism and the urea cycle	Tuýba Raika CALL
14:00 - 14:40 TBK204	Specific products of amino acids	Tuýba Raika CALL
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Friday, January 16, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50 FyZ204	Parathyroid hormone, calcitonin, and Ca-P metabolism	Blessed PALA
11:00 - 11:40 FyZ204	Parathyroid hormone, calcitonin, and Ca-P metabolism	Blessed PALA
13:10 - 13:50 TBK204	Integration of metabolism	Tuýba Raika CALL
14:00 - 14:40 TBK204	Integration of metabolism	Tuýba Raika CALL
14:50 - 15:30 TBK204	Vitamins	Fatma OZYALIN
15:40 - 16:20 TBK204	Vitamins	Fatma OZYALIN
<b>* SEMESTER BREAK (2 Weeks), (19.01.2026-30.01.2026)</b>		

<b>Monday, February 2, 2026</b>		<b>Course Name</b>	<b>Faculty Member</b>
08:30 - 09:10		FREELANCE	
09:20 - 10:00	TBK204	LAB (Lipid Determination Methods) Group-B	AD Faculty Members (Biochemistry)
10:10 - 10:50	TBK204	LAB (Lipid Determination Methods) Group-B	AD Faculty Members (Biochemistry)
11:00 - 11:40	TBK204	LAB (Lipid Determination Methods) Group-B	AD Faculty Members (Biochemistry)
13:10 - 13:50	TBK204	LAB (Lipid Determination Methods) Group-A	AD Faculty Members (Biochemistry)
14:00 - 14:40	TBK204	LAB (Lipid Determination Methods) Group-A	AD Faculty Members (Biochemistry)
14:50 - 15:30	TBK204	LAB (Lipid Determination Methods) Group-A	AD Faculty Members (Biochemistry)
15:40 - 16:20		FREELANCE	
<b>Tuesday, February 3, 2026</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50	TBK204	Mechanisms of action of hormones	Fatma OZYALIN
11:00 - 11:40	TBK204	Mechanisms of action of hormones	Fatma OZYALIN
13:10 - 13:50	FyZ204	Adrenal gland hormones	Blessed PALA
14:00 - 14:40	FyZ204	Adrenal gland hormones	Blessed PALA
14:50 - 15:30	TBK204	Adrenal cortex hormones	Tuýba Raika CALL
15:40 - 16:20	TBK204	Adrenal medulla hormones	Tuýba Raika CALL
<b>Wednesday, February 4, 2026</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50		FREELANCE	
14:00 - 14:40		FREELANCE	
14:50 - 15:30		FREELANCE	
15:40 - 16:20		FREELANCE	
<b>Thursday, February 5, 2026</b>			
08:30 - 09:10	TBK204	Pancreatic hormones	Fatma OZYALIN
09:20 - 10:00	TBK204	Thyroid hormones	Fatma OZYALIN
10:10 - 10:50	TBK204	Hormones that regulate the Ca and P mechanism	Tuýba Raika CALL
11:00 - 11:40	TBK204	Hormones that regulate the Ca and P mechanism	Tuýba Raika CALL
13:10 - 13:50	MBU204 MBU VII:	Blood sugar measurement with a glucometer Group A	Faculty Members of the Department of Biochemistry (MBU)
14:00 - 14:40	MBU204 MBU VII:	Blood sugar measurement with a glucometer Group A	Faculty Members of the Department of Biochemistry (MBU)
14:50 - 15:30	MBU204 MBU VII:	Blood sugar measurement with a glucometer Group B	Faculty Members of the Department of Biochemistry (MBU)
15:40 - 16:20	MBU204 MBU VII:	Blood sugar measurement with a glucometer Group B	Faculty Members of the Department of Biochemistry (MBU)
<b>Friday, February 6, 2026</b>			
08:30 - 09:10	FyZ204	Insulin, glucagon and diabetes mellitus	Blessed PALA
09:20 - 10:00	FyZ204	Insulin, glucagon and diabetes mellitus	Blessed PALA
10:10 - 10:50	FyZ204	Obesity	Blessed PALA
11:00 - 11:40	FyZ204	Obesity	Blessed PALA
13:10 - 13:50	TBK204	Healthy eating principles	Fatma OZYALIN
14:00 - 14:40	TBK204	Healthy eating principles	Fatma OZYALIN
14:50 - 15:30	TBK204	Disorders of amino acid and protein metabolism	Fatma OZYALIN
15:40 - 16:20	TBK204	Disorders of amino acid and protein metabolism	Fatma OZYALIN

<b>Monday, February 9, 2026</b>	<b>Course Name</b>	<b>Faculty Member</b>
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Tuesday, February 10, 2026</b>		
08:30 - 09:10		
09:20 - 10:00	<b>THEORETICAL EXAM</b>	
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50	<b>EVALUATION OF THEORETICAL EXAM QUESTIONS</b>	
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Wednesday, February 11, 2026</b>		
08:30 - 09:10	<b>PRACTICAL EXAM</b>	
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		

# UROGENITAL SYSTEM COURSE BOARD

No.	Committee	Start-End	February	Week	Theoretical	Practical	ECTS
205	Urogenital System Course Board	12 – March 11, 2026		4	62	60	8
COURSES				CLASS HOURS			
				THEORETICAL	PRACTICE		
ANATOMY (ANA-205)				14	28		
HISTOLOGY AND EMBRYOLOGY (HE-205)				14	20		
PHYSIOLOGY (PHYS-205)				28	-		
TIBBİ BİYOKİMYA (TBK-205)				4	-		
PSYCHIATRY (PSK-205)				2	-		
PROFESSIONAL SKILLS APPLICATION (MBU-205)				-	12		
<b>TOTAL</b>				<b>62</b>	<b>60</b>		
ELECTIVE				2			
FREELANCE				36			

PROFESSIONAL SKILLS APPLICATIONS (MBU)		Faculty Member	Lesson The time
MBU VIII	Complete urine analysis – MEDICAL BIOCHEMISTRY AD	Tuýba Raika CALL	8
MBU IX	Ability to perform fecal occult blood examination – MICROBIOLOGY DEPARTMENT İyýlay Gökçe BENK		4

## PURPOSE OF THE UROGENITAL SYSTEM COURSE BOARD

Evaluating the information about the location of the male and female genital organs in the body, their neighboring relations, innervations and nutrition, the functions and disorders of the mentioned organs on an anatomical basis.

To be able to discuss, to examine the excretory and endocrine functions of the kidney, to define the biochemical evaluation of kidney functions, to understand the structural properties of the cells, tissues and organs of the urogenital systems and their roles in the organism as a whole, and to be able to identify the organs and cells of these systems in microscopic examinations. It is aimed to distinguish between the structural features and to understand the basic elements of the development of the urogenital systems.

## UROGENITAL SYSTEM COURSE BOARD PURPOSE LEARNING OBJECTIVES

**Information LO 1.** Will learn the anatomy, histological structure, and developmental stages of the structures that make up the urogenital system. **LO 2.** Will learn the normal development, anatomy, microscopic structure, and

Will be able to acquire basic concepts and information about their

functions. **LO 3.** Will be able to explain the functions of the kidneys, body fluid and electrolyte balance, hormone production and the mechanisms related to the effects of hormones, their regulation, and the factors affecting these events. **LO 4.** Will be able to understand the anomalies and basic functional disorders of the urogenital and endocrine systems. **LO 5.** Will be able to learn the regulation of fluid-electrolyte and acid-base balance.

### **Skill**

**LO 6.** Be able to recognize and differentiate the anatomical structures that make up the urogenital system. **LO 7.** Be able to recognize the components that make up the general histological structure of the urogenital system. **LO 8.** Be able to recognize urine sample types and apply the chemical and microscopic examination processes of urine. **LO 9.** Be able to measure acid-base balance. **LO 10.** Be able to perform fecal occult blood examination.

## LEARNING OBJECTIVES OF THE UROGENITAL SYSTEM COURSE BOARD

### Attitude

**ÖH 11.** As a medical school student, they will be aware of the need to access current information. **ÖH 12.** As a medical school student, they will be aware of the need for study discipline. **ÖH 13.** As a medical school student, they will understand that medical education is a holistic process and that all their knowledge will be useful for their next education. will be aware that it is necessary.



## UROGENITAL SYSTEM COURSE BOARD TEACHING METHODS

### KNOWLEDGE-ORIENTED EDUCATION

- Classroom lesson / Trainer presentation
- Practical lessons

### MEDICAL PRACTICES DIRECTED EDUCATION

- Professional skills applications
- Laboratory applications
- Independent learning practices

### PROFESSIONALISM EDUCATION

- Vocational skills applications
- Laboratory applications

## UROGENITAL SYSTEM COURSE BOARD MEASUREMENT-EVALUATION METHODS

**END OF BOARD THEORETICAL EXAM** It consists of multiple choice questions determined according to the number of courses.

### END OF BOARD PRACTICAL EXAM

It consists of oral and practical questions covering practical lessons and Professional Skills Practices held within the board.

### END OF BOARD GRADE CALCULATION

It is stated in the Education-Training and Examination Regulation.

## UROGENITAL SYSTEM COURSE BOARD COURSES WEIGHTS

	Class Hours	Percentage (%)
THEORETICAL COURSE	62	39
PRACTICAL LESSON	60	37
ELECTIVE	2	1
FREELANCE	36	23

<b>COURSE BOARD V: UROGENITAL SYSTEM COURSE BOARD</b>			
<b>Thursday, February 12, 2026</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50	ANA205 Medical terminology (Urinary System)		H�yd�r Molasses
14:00 - 14:40	ANA205 Kidney and ureter		H�yd�r Molasses
14:50 - 15:30	ANA205 Kidney and ureter		H�yd�r Molasses
15:40 - 16:20	HE205	Kidneys, overview, blood supply	Oya KORKMAZ
<b>Friday, February 13, 2026</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50	Fyz205	Introduction to the physiology of the urogenital system	Cihat U�AR
14:00 - 14:40	Fyz205	Introduction to the physiology of the urogenital system	Cihat U�AR
14:50 - 15:30		<b>ELECTIVE</b>	
15:40 - 16:20		<b>ELECTIVE</b>	

<b>Monday, February 16, 2026</b>		<b>Course Name</b>	<b>Faculty Member</b>
08:30 - 09:10		FREELANCE	
09:20 - 10:00	HE205	Nephron and collecting ducts	Oya KORKMAZ
10:10 - 10:50	HE205	Nephron and collecting ducts	Oya KORKMAZ
11:00 - 11:40	HE205	Renal pelvis, ureter, bladder, urethra	Oya KORKMAZ
13:10 - 13:50	FyZ205	Renal blood circulation and regulation	Cihat UÇAR
14:00 - 14:40	FyZ205	Glomerular filtration	Cihat UÇAR
14:50 - 15:30	FyZ205	Glomerular filtration	Cihat UÇAR
15:40 - 16:20		FREELANCE	
<b>Tuesday, February 17, 2026</b>			
08:30 - 09:10	ANA205/ HE205	LAB (Kidney and ureter) Group-A/ (Kidney Histology) Group-B	Faculty Members of the Department (Anatomy-Histology)
09:20 - 10:00	ANA205/ HE205	LAB (Kidney and ureter) Group-A/ (Kidney Histology) Group-B	Faculty Members of the Department (Anatomy-Histology)
10:10 - 10:50	ANA205/ HE205	LAB (Kidney and ureter) Group-B/ (Kidney Histology) Group-A	Faculty Members of the Department (Anatomy-Histology)
11:00 - 11:40	ANA205/ HE205	LAB (Kidney and ureter) Group-B/ (Kidney Histology) Group-A	Faculty Members of the Department (Anatomy-Histology)
13:10 - 13:50	ANA205	Vesica Urinaria ve Urethra	Nihal Sümeyye ULUTAğ
14:00 - 14:40	ANA205	Vesica Urinaria ve Urethra	Nihal Sümeyye ULUTAğ
14:50 - 15:30	FyZ205	Tubular Reabsorption	Cihat UÇAR
15:40 - 16:20	FyZ205	Tubular Reabsorption	Cihat UÇAR
<b>Wednesday, February 18, 2026</b>			
08:30 - 09:10	FyZ205	Clearance	Cihat UÇAR
09:20 - 10:00	FyZ205	Na balance and extracellular fluid volume regulation.	Cihat UÇAR
10:10 - 10:50	FyZ205	Na balance and extracellular fluid volume regulation.	Cihat UÇAR
11:00 - 11:40	FyZ205	Na balance and extracellular fluid volume regulation.	Cihat UÇAR
13:10 - 13:50	ANA205/ HE205	LAB (Vesica Urinaria and Urethra) Group-A/ (Bladder, Ureter Histology) Group B	Faculty Members of the Department (Anatomy-Histology)
14:00 - 14:40	ANA205/ HE205	LAB (Vesica Urinaria and Urethra) Group-A/ (Bladder, Ureter Histology) Group B	Faculty Members of the Department (Anatomy-Histology)
14:50 - 15:30	ANA205/ HE205	LAB (Vesica Urinaria and Urethra) Group-B/ (Bladder, Ureter Histology) Group A	Faculty Members of the Department (Anatomy-Histology)
15:40 - 16:20	ANA205/ HE205	LAB (Vesica Urinaria and Urethra) Group-B/ (Bladder, Ureter Histology) Group A	Faculty Members of the Department (Anatomy-Histology)
<b>Thursday, February 19, 2026</b>			
08:30 - 09:10	ANA205	Pelvis ve Perineum	Esra AKKUğ YETKğN
09:20 - 10:00	ANA205	Pelvis ve Perineum	Esra AKKUğ YETKğN
10:10 - 10:50	FyZ205	Potassium balance	Cihat UÇAR
11:00 - 11:40	FyZ205	Potassium balance	Cihat UÇAR
13:10 - 13:50	FyZ205	Calcium and phosphate balance	Cihat UÇAR
14:00 - 14:40	HE205	Testicular Histology	Emrah ZAYMAN
14:50 - 15:30	HE205	Testicular Histology	Emrah ZAYMAN
15:40 - 16:20		FREELANCE	
<b>Friday, February 20, 2026</b>			
08:30 - 09:10	ANA205	LAB (Pelvis and Perineum) Group-B	Faculty Members of the Department (Anatomy)
09:20 - 10:00	ANA205	LAB (Pelvis and Perineum) Group-B	Faculty Members of the Department (Anatomy)
10:10 - 10:50	HE205	Histology of the male genital excretory tract and accessory glands.	Emrah ZAYMAN
11:00 - 11:40	FyZ205	Urinary excretion, Characteristics of urine.	Cihat UÇAR
13:10 - 13:50	FyZ205	Diuresis, renal function tests, artificial kidney	Cihat UÇAR
14:00 - 14:40	ANA205	Medical terminology (Male and Female Reproductive System)	Muhammed Furkan ARPACI
14:50 - 15:30	ANA205	LAB (Pelvis and Perineum) Group-A	Faculty Members of the Department (Anatomy)
15:40 - 16:20	ANA205	LAB (Pelvis and Perineum) Group-A	Faculty Members of the Department (Anatomy)

Monday, February 23, 2026	Course Name	Faculty Member
08:30 - 09:10 TBK205	Male sex hormones	Fatma OZYALIN
09:20 - 10:00 TBK205	Male sex hormones	Fatma OZYALIN
10:10 - 10:50 ANA205	Male genital anatomy	Muhammed Furkan ARPACI
11:00 - 11:40 ANA205	Male genital anatomy	Muhammed Furkan ARPACI
13:10 - 13:50 FyZ205	Acid-base balance	Cihat UÇAR
14:00 - 14:40 FyZ205	Acid-base balance	Cihat UÇAR
14:50 - 15:30 FyZ205	Acid-base balance	Cihat UÇAR
15:40 - 16:20 FyZ205	Sexual differentiation and pubertal physiology	Cihat UÇAR
<b>Tuesday, February 24, 2026</b>		
08:30 - 09:10 MBU205	MBU VIII: Complete Urine Analysis Group A	Faculty Members of the Department of Biochemistry (MBU)
09:20 - 10:00 MBU205	MBU VIII: Complete Urine Analysis Group A	Faculty Members of the Department of Biochemistry (MBU)
10:10 - 10:50 MBU205	MBU VIII: Complete Urine Analysis Group A	Faculty Members of the Department of Biochemistry (MBU)
11:00 - 11:40 MBU205	MBU VIII: Complete Urine Analysis Group A	Faculty Members of the Department of Biochemistry (MBU)
13:10 - 13:50 MBU205	MBU VIII: Complete Urine Analysis Group B	Faculty Members of the Department of Biochemistry (MBU)
14:00 - 14:40 MBU205	MBU VIII: Complete Urine Analysis Group B	Faculty Members of the Department of Biochemistry (MBU)
14:50 - 15:30 MBU205	MBU VIII: Complete Urine Analysis Group B	Faculty Members of the Department of Biochemistry (MBU)
15:40 - 16:20 MBU205	MBU VIII: Complete Urine Analysis Group B	Faculty Members of the Department of Biochemistry (MBU)
<b>Wednesday, February 25, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, February 26, 2026</b>		
08:30 - 09:10 ANA205/HE205	LAB (Male genital anatomy) Group-A/ (Histology of testes and male genital excretory tracts) Group-B	Faculty Members of the Department (Anatomy-Histology)
09:20 - 10:00 ANA205/HE205	LAB (Male genital anatomy) Group-A/ (Histology of testes and male genital excretory tracts) Group-B	Faculty Members of the Department (Anatomy-Histology)
10:10 - 10:50 ANA205/HE205	LAB (Male genital anatomy) Group-B/ (Histology of testes and male genital excretory tracts) Group-A	Faculty Members of the Department (Anatomy-Histology)
11:00 - 11:40 ANA205/HE205	LAB (Male genital anatomy) Group-B/ (Histology of testes and male genital excretory tracts) Group-A	Faculty Members of the Department (Anatomy-Histology)
13:10 - 13:50 FyZ205	Male reproductive physiology	Cihat UÇAR
14:00 - 14:40 FyZ205	Male reproductive physiology	Cihat UÇAR
14:50 - 15:30 ANA205	Female genital anatomy	Gökçe BAÏCI UZUN
15:40 - 16:20 ANA205	Female genital anatomy	Gökçe BAÏCI UZUN
<b>Friday, February 27, 2026</b>		
08:30 - 09:10 HE205	Ovarian histology	Oya KORKMAZ
09:20 - 10:00 HE205	Ovarian histology	Oya KORKMAZ
10:10 - 10:50 FyZ205	Female reproductive physiology	Cihat UÇAR
11:00 - 11:40 FyZ205	Female reproductive physiology	Cihat UÇAR
13:10 - 13:50 MBU205	MBU IX: Ability to perform fecal occult blood examination Group A İyğlay Gökçe BENK	İyğlay Gökçe BENK
14:00 - 14:40 MBU205	MBU IX: Ability to perform fecal occult blood examination Group A İyğlay Gökçe BENK	İyğlay Gökçe BENK
14:50 - 15:30 MBU205	MBU IX: Ability to perform fecal occult blood examination Group B	İyğlay Gökçe BENK
15:40 - 16:20 MBU205	MBU IX: Ability to perform fecal occult blood examination Group B	İyğlay Gökçe BENK

<b>Monday, March 2, 2026</b>	<b>Course Name</b>	<b>Faculty Member</b>
08:30 - 09:10 HE205	Uterus and Tube histology	Oya KORKMAZ
09:20 - 10:00 HE205	Uterus and Tube histology	Oya KORKMAZ
10:10 - 10:50 TBK205	Female sex hormones	Tuýba Raika CALL
11:00 - 11:40 TBK205	Female sex hormones	Tuýba Raika CALL
13:10 - 13:50 ANA205/HE205	LAB (Female genital anatomy) Group-B/ (Ovarian Histology) Group-A	Faculty Members of the Department (Anatomy-Histology)
14:00 - 14:40 ANA205/HE205	LAB (Female genital anatomy) Group-B/ (Ovarian Histology) Group-A	Faculty Members of the Department (Anatomy-Histology)
14:50 - 15:30 ANA205/HE205	LAB (Female genital anatomy) Group-A/ (Ovarian Histology) Group-B	Faculty Members of the Department (Anatomy-Histology)
15:40 - 16:20 ANA205/HE205	LAB (Female genital anatomy) Group-A/ (Ovarian Histology) Group-B	Faculty Members of the Department (Anatomy-Histology)
<b>Tuesday, March 3, 2026</b>		
08:30 - 09:10 HE 205	LAB (Uterine and Tubal Uterine Histology) Group-A	Faculty Members of the Department (Histology)
09:20 - 10:00 HE 205	LAB (Uterine and Tubal Uterine Histology) Group-A	Faculty Members of the Department (Histology)
10:10 - 10:50 FyZ205	Physiology of pregnancy and lactation	Cihat UÇAR
11:00 - 11:40 FyZ205	Physiology of pregnancy and lactation	Cihat UÇAR
13:10 - 13:50 PSK205	Healthy sexuality	Kubra ORMAN
14:00 - 14:40 PSK205	Healthy sexuality	Kubra ORMAN
14:50 - 15:30 HE 205	LAB (Uterine and Tubal Uterine Histology) Group-B	Faculty Members of the Department (Histology)
15:40 - 16:20 HE 205	LAB (Uterine and Tubal Uterine Histology) Group-B	Faculty Members of the Department (Histology)
<b>Wednesday, March 4, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, March 5, 2026</b>		
08:30 - 09:10 ANA205	Clinical anatomy of the urogenital system	Esra AKKUÿ YETKÿN
09:20 - 10:00 ANA205	Radiological anatomy of the urogenital system	Esra AKKUÿ YETKÿN
10:10 - 10:50 HE 205	Genital System Development	Emrah ZAYMAN
11:00 - 11:40 HE 205	Genital System Development	Emrah ZAYMAN
13:10 - 13:50 HE 205	Urinary System Development	Oya KORKMAZ
14:00 - 14:40 FyZ205	Fetal and neonatal physiology	Cihat UÇAR
14:50 - 15:30 FyZ205	Fetal and neonatal physiology	Cihat UÇAR
15:40 - 16:20	FREELANCE	
<b>Friday, March 6, 2026</b>		
08:30 - 09:10 ANA205	LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
09:20 - 10:00 ANA205	LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
10:10 - 10:50 ANA205	LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
11:00 - 11:40 ANA205	LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
13:10 - 13:50 ANA205	LAB (General study) Group-B	Faculty Members of the Department (Anatomy)
14:00 - 14:40 ANA205	LAB (General study) Group-B	Faculty Members of the Department (Anatomy)
14:50 - 15:30 ANA205	LAB (General study) Group-B	Faculty Members of the Department (Anatomy)
15:40 - 16:20 ANA205	LAB (General study) Group-B	Faculty Members of the Department (Anatomy)

<b>Monday, March 9, 2026</b>	<b>Course Name</b>	<b>Faculty Member</b>
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Tuesday, March 10, 2026</b>		
08:30 - 09:10		
09:20 - 10:00	<b>THEORETICAL EXAM</b>	
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50	<b>EVALUATION OF THEORETICAL EXAM QUESTIONS</b>	
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Wednesday, March 11, 2026</b>		
08:30 - 09:10	<b>PRACTICAL EXAM</b>	
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		

## CENTRAL NERVOUS SYSTEM AND SENSORY COURSE BOARD

No. Komite	Start-End	Week	Theoretical	Practical	ECTS
206 Central Nervous System and Senses Course Board	March 12 - April 30, 2026	7.5	126	80	13

COURSES	CLASS HOURS	
	THEORETICAL	PRACTICE
ANATOMY (ANA-206)	45	60
BİYOFİZİK (BF-206)	16	-
HISTOLOGY AND EMBRYOLOGY (HE-206)	13	12
PHYSIOLOGY (PHYS-206)	46	-
TIBBİ BİYOKİMYA (TBK-206)	2	-
PSYCHIATRY (PSK-206)	4	-
PROFESSIONAL SKILLS APPLICATION (MBU-206)	-	8
<b>TOTAL</b>	<b>126</b>	<b>80</b>
ELECTIVE	-	-
FREELANCE	56	

VOCATIONAL SKILLS APPLICATIONS (MBU)	Faculty Member	Lesson The time
MBU X Reflex examination – Department of Physiology	Feyzi DOYRU	4
MBU XI: Vision and Hearing Tests - Department of Physiology	Blessed PALA	4

## PURPOSE OF THE CENTRAL NERVOUS SYSTEM AND SENSORY COURSE BOARD

The morphological and microscopic structures, functions, and operating systems of the structures that make up the central nervous system will be examined. Embryological development of the nervous system and sensory organs, their developmental anomalies, and their anatomical, histological, physiological and biochemical properties of the structures and their functions with biophysical laws aims to evaluate by relating.

## CENTRAL NERVOUS SYSTEM AND SENSORY COURSE BOARD LEARNING OBJECTIVES

**Information LO 1.** Normal development and anatomy of the brain, cerebellum, brainstem, spinal cord, ventricle, eye, ear and related structures, will acquire basic concepts and information about the microscopic structure and functions.

**LO 2.** Brain and behavior, posture, conscious movement, basal ganglia, oculomotor system, sensory integration and motor systems, trigeminal system, clinical syndromes of the spinal cord and brainstem, hypothalamus, limbic system and cerebral cortex, mechanisms related to vision and hearing, the regulation of these mechanisms and the factors affecting them

Abnormalities of

structures related to **the** brain, cerebellum, brainstem, spinal cord, ventricle, eye and ear and basic functional will understand the disorders.

Will understand the general properties of the sensory

system. **LO 4.** Will understand the physiology

of pain . **LO 5.** Will learn higher central nervous system functions such as speech and learning. **LO 6.** Will

learn the reticular formation, limbic system, and hypothalamus. **LO 7.** Will understand

the physiology of sleep. **LO 8.** Will learn the

principles of signal recording and processing in electrophysiology. **LO 9.** Will learn

about EEG and evoked potentials. **LO 10.** Will learn the biophysics of

hearing. **LO 11.** Will learn the biophysics of

vision.

### Skill

**LO 12.** Will be able to show the organs related to the sensory and nervous systems on cadavers, models and living organisms.

**LO 13.** Will be able to recognize the normal structures of the organs related to the sensory, movement and nervous systems at the tissue and cellular levels, and the components that make up the histological structure of the central nervous system

under a microscope. **LO 14.** Will be able to perform simple clinical examinations related to the movement

and nervous systems. **LO 15.** Will be able to identify the components that make up the histological structure

of the eye and ear. **LO 16.** Will be able to evaluate the senses (vision, Rinne, Weber).

**LO 17.** Will be able to apply and evaluate reflex tests. **LO 18.** Will be able to understand basic EEG (Electroencephalography) information. **LO 19.**

Will be able to observe and understand the EEG recording.

**Attitude**

**ÖH 21.** Preserving the integrity of the motor and nervous systems and sensory organs, and other body parts to which they are related. will be aware of the continuity of their structures and functions.

**ÖH 22.** Will be aware of health problems related to the sensory, motor and nervous systems and will adopt the attitudes and behaviors required by the medical profession. **ÖH 23.**

Will be respectful in human relations and will be aware of ethical issues. **ÖH 24.** Will embrace the importance of current, scientific knowledge in medicine.



## TEACHING METHODS OF THE CENTRAL NERVOUS SYSTEM AND SENSORY COURSE BOARD

### KNOWLEDGE-ORIENTED EDUCATION

- Classroom lesson / Trainer presentation
- Practical lessons

### MEDICAL PRACTICES DIRECTED EDUCATION

- Professional skills applications
- Laboratory applications
- Independent learning practices

### PROFESSIONALISM EDUCATION

- Vocational skills applications
- Laboratory applications

## MEASUREMENT OF CENTRAL NERVOUS SYSTEM AND SENSORY COURSE BOARD EVALUATION METHODS

**END OF BOARD THEORETICAL EXAM** It consists of multiple choice questions determined according to the number of courses.

### END OF BOARD PRACTICAL EXAM

It consists of oral and practical questions covering practical lessons and Professional Skills Practices held within the board.

### END OF BOARD GRADE CALCULATION

It is stated in the Education-Training and Examination Regulation.

## CENTRAL NERVOUS SYSTEM AND SENSORY COURSE BOARD

### WEIGHTS OF THE COURSES

	Class Hours	Percentage (%)
THEORETICAL COURSE	126	48
PRACTICAL LESSON	80	31
FREELANCE	56	21

COURSE BOARD VI: CENTRAL NERVOUS SYSTEM AND SENSORY COURSE BOARD			
<b>Thursday, March 12, 2026</b>			
08:30 - 09:10	ANA206	Medical terminology (Central and peripheral nervous system)	Esra AKKUÿ YETKÿN
09:20 - 10:00	ANA206	Introduction to the Central Nervous System: General Information	Esra AKKUÿ YETKÿN
10:10 - 10:50	HE206	Nervous Tissue, Neurons	Oya KORKMAZ
11:00 - 11:40	HE206	Nervous Tissue, Neurons	Oya KORKMAZ
13:10 - 13:50	HE206	Neuroglia and CNS membranes	Oya KORKMAZ
14:00 - 14:40	FÿZ206	Organization of the Nervous System	Feyzi DOÿRU
14:50 - 15:30	ANA206	Morphology of the spinal cord	Hÿdÿr Molasses
15:40 - 16:20	ANA206	Morphology of the spinal cord	Hÿdÿr Molasses
<b>Friday, March 13, 2026</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50	HE206	Spinal Cord Histology	Oya KORKMAZ
14:00 - 14:40	HE206	Histology of PNS	Oya KORKMAZ
14:50 - 15:30	FÿZ206	Synaptic Transmission and Its Regulation	Feyzi DOÿRU
15:40 - 16:20	FÿZ206	Synaptic Transmission and Its Regulation	Feyzi DOÿRU

Monday, March 16, 2026	2026	Course Name	Faculty Member
08:30 - 09:10 FyZ	206	Neurotransmitters	Feyzi DOYRU
09:20 - 10:00 FyZ	206	Neurotransmitters	Feyzi DOYRU
10:10 - 10:50 BF	206	General Characteristics of the Senses and Psychophysics	Mehtap DÜZ
11:00 - 11:40 BF	206	General Characteristics of the Senses and Psychophysics	Mehtap DÜZ
13:10 - 13:50	ANA206/HE206	LAB (Medulla spinalis) Group-A/ (Medulla Spinalis Histology) Group B	Faculty Members of the Department (Anatomy-Histology)
14:00 - 14:40	ANA206/HE206	LAB (Medulla spinalis) Group-A/ (Medulla Spinalis Histology) Group B	Faculty Members of the Department (Anatomy-Histology)
14:50 - 15:30	ANA206/HE206	LAB (Medulla spinalis) Group-B/ (Medulla Spinalis Histology) Group A	Faculty Members of the Department (Anatomy-Histology)
15:40 - 16:20	ANA206/HE206	LAB (Medulla spinalis) Group-B/ (Medulla Spinalis Histology) Group A	Faculty Members of the Department (Anatomy-Histology)
<b>Tuesday, March 17, 2026</b>			
08:30 - 09:10 FyZ	206	Sensory res., neuronal circuits in processing information	Feyzi DOYRU
09:20 - 10:00 FyZ	206	Sensory res., neuronal circuits in information processing	Feyzi DOYRU
10:10 - 10:50 FyZ	206	Somatic Senses: I. General Organ.; Touch and Position Senses	Feyzi DOYRU
11:00 - 11:40 FyZ	206	Somatic Senses: I. General Organ; Touch and Situational Senses	Feyzi DOYRU
13:10 - 13:50 ANA	206	Brainstem Formations: Medulla Oblongata	Muhammed Furkan ARPACI
14:00 - 14:40 ANA	206	Brainstem Formations: Pons	Muhammed Furkan ARPACI
14:50 - 15:30 ANA	206	Brainstem Formations: Mesencephalon	Muhammed Furkan ARPACI
15:40 - 16:20		FREELANCE	
<b>Wednesday, March 18, 2026</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50		FREELANCE	
14:00 - 14:40		FREELANCE	
14:50 - 15:30		FREELANCE	
15:40 - 16:20		FREELANCE	
<b>Thursday, March 19, 2026</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50	<b>EVE OF RAHADAN FESTIVAL</b>		
14:00 - 14:40			
14:50 - 15:30			
15:40 - 16:20			
<b>Friday, March 20, 2026</b>			
08:30 - 09:10	<b>FIRST DAY OF RAMADAN</b>		
09:20 - 10:00			
10:10 - 10:50			
11:00 - 11:40			
13:10 - 13:50			
14:00 - 14:40			
14:50 - 15:30			
15:40 - 16:20			

Monday, March 23, 2026		Course Name	Faculty Member
08:30 - 09:10	FYZ206	Somatic Senses: II. Pain and Thermal Senses Somatic	Feyzi DOYRU
09:20 - 10:00	FYZ206	Senses: II. Pain and Thermal Senses Spinal Cord	Feyzi DOYRU
10:10 - 10:50	FYZ206	and Spinal Reflexes	Feyzi DOYRU
11:00 - 11:40	FYZ206	Spinal Cord and Spinal Reflexes	Feyzi DOYRU
13:10 - 13:50	FYZ206	Spinal Cord and Spinal Reflexes	Feyzi DOYRU
14:00 - 14:40	BF206	Neural Integration	Mehtap DÜZ
14:50 - 15:30	BF206	Neural Integration	Mehtap DÜZ
15:40 - 16:20	TBK206	Nerve Tissue Biochemistry	Fatma OZYALIN
<b>Tuesday, March 24, 2026</b>			
08:30 - 09:10	ANA206/MBU 206	LAB (Brainstem Formations) Group-B/ MBU X: (Reflex Examination) Group A	AD Faculty Members (Anatomy-Feyzi DOYRU)
09:20 - 10:00	ANA206/MBU 206	LAB (Brainstem Formations) Group-B/ MBU X: (Reflex Examination) Group A	AD Faculty Members (Anatomy-Feyzi DOYRU)
10:10 - 10:50	ANA206/MBU 206	LAB (Brainstem Formations) Group-A/ MBU X: (Reflex Examination) Group B	AD Faculty Members (Anatomy-Feyzi DOYRU)
11:00 - 11:40	ANA206/MBU 206	LAB (Brainstem Formations) Group-A/ MBU X: (Reflex Examination) Group B	AD Faculty Members (Anatomy-Feyzi DOYRU)
13:10 - 13:50	ANA206	Cerebellum	Gökçe BAÿCI UZUN
14:00 - 14:40	ANA206	Cerebellum	Gökçe BAÿCI UZUN
14:50 - 15:30	HE206	Cerebrum Histology	Oya KORKMAZ
15:40 - 16:20	HE206	Cerebellum Histology	Oya KORKMAZ
<b>Wednesday, March 25, 2026</b>			
08:30 - 09:10	ANA206/HE206	LAB (Cerebellum) Group-A/ (Cerebrum and Cerebellum Histology) Group-B	Faculty Members of the Department (Anatomy-Histology)
09:20 - 10:00	ANA206/HE206	LAB (Cerebellum) Group-A/ (Cerebrum and Cerebellum Histology) Group-B	Faculty Members of the Department (Anatomy-Histology)
10:10 - 10:50	ANA206/HE206	LAB (Cerebellum) Group-B/ (Cerebrum and Cerebellum Histology) Group-A	Faculty Members of the Department (Anatomy-Histology)
11:00 - 11:40	ANA206/HE206	LAB (Cerebellum) Group-B/ (Cerebrum and Cerebellum Histology) Group-A	Faculty Members of the Department (Anatomy-Histology)
13:10 - 13:50	FYZ206	Control of Motor Function by the Cortex	Feyzi DOYRU
14:00 - 14:40	FYZ206	Control of Motor Function by the Cortex	Feyzi DOYRU
14:50 - 15:30	FYZ206	The Role of the Brainstem in Control of Motor Function	Feyzi DOYRU
15:40 - 16:20	FYZ206	The Role of the Brainstem in Control of Motor Function	Feyzi DOYRU
<b>Thursday, March 26, 2026</b>			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50	ANA206	Ascending roads	Esra AKKUÿ YETKÿN
14:00 - 14:40	ANA206	Ascending roads	Esra AKKUÿ YETKÿN
14:50 - 15:30	ANA206	Descending	Nihal Sümeyye ULUTAÿ
15:40 - 16:20	ANA206	roads Descending roads	Nihal Sümeyye ULUTAÿ
<b>Friday, March 27, 2026</b>			
08:30 - 09:10	FYZ206	Cerebellum and motor functions	Feyzi DOYRU
09:20 - 10:00	FYZ206	Cerebellum and motor functions	Feyzi DOYRU
10:10 - 10:50	BF206	Neuronal Plasticity Mechanisms	Mehtap DÜZ
11:00 - 11:40	BF206	Neuronal Plasticity Mechanisms	Mehtap DÜZ
13:10 - 13:50	ANA206	Cranial Nerves I-VI	Hÿdÿr Molasses
14:00 - 14:40	ANA206	Cranial Nerves I-VI	Hÿdÿr Molasses
14:50 - 15:30	ANA206	Cranial Nerves I-VI	Hÿdÿr Molasses
15:40 - 16:20		FREELANCE	

Monday, March 30, 2026	Course Name	Faculty Member
08:30 - 09:10 ANA206	LAB (Cranial Nerves I-VI) Group-B	Faculty Members of the Department (Anatomy)
09:20 - 10:00 ANA206	LAB (Cranial Nerves I-VI) Group-B	Faculty Members of the Department (Anatomy)
10:10 - 10:50 PSK206	Biological basis of behavior	Merve ZEREN
11:00 - 11:40 PSK206	Biological basis of behavior	Merve ZEREN
13:10 - 13:50 PSK206	Psychiatric semiology	Kubra ORMAN
14:00 - 14:40 PSK206	Psychiatric semiology	Kubra ORMAN
14:50 - 15:30 ANA206	LAB (Cranial Nerves I-VI) Group-A	Faculty Members of the Department (Anatomy)
15:40 - 16:20 ANA206	LAB (Cranial Nerves I-VI) Group-A	Faculty Members of the Department (Anatomy)
<b>Tuesday, March 31, 2026</b>		
08:30 - 09:10 FyZ206	Basal ganglia and motor functions	Feyzi DOYRU
09:20 - 10:00 FyZ206	Basal ganglia and motor functions	Feyzi DOYRU
10:10 - 10:50 FyZ206	Autonomic Nervous System and adrenal medulla	Feyzi DOYRU
11:00 - 11:40 FyZ206	Autonomic Nervous System and adrenal medulla	Feyzi DOYRU
13:10 - 13:50 FyZ206	Autonomic Nervous System and adrenal medulla	Feyzi DOYRU
14:00 - 14:40 ANA206	Cranial Nerves VII-XII	Gökçe BAĞCI UZUN
14:50 - 15:30 ANA206	Cranial Nerves VII-XII	Gökçe BAĞCI UZUN
15:40 - 16:20 ANA206	Cranial Nerves VII-XII	Gökçe BAĞCI UZUN
<b>Wednesday, April 1, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, April 2, 2026</b>		
08:30 - 09:10 ANA206	LAB (Cranial Nerves VII-XII) Group-B AD	Faculty Members of the Department (Anatomy)
09:20 - 10:00 ANA206	LAB (Cranial Nerves VII-XII) Group-B Lecturers (Anatomy)	
10:10 - 10:50 FyZ206	Cerebral Cortex, Mental Functions of the Brain Feyzi DOYRU	
11:00 - 11:40 FyZ206	Cerebral Cortex, Mental Functions of the Brain,	Feyzi DOYRU
13:10 - 13:50 FyZ206	Mechanisms of the Brain Related to Behavior and Motivation - Limbic System and Hypothalamus	Effervescence TRUE
14:00 - 14:40 FyZ206	The Brain's Mechanisms for Behavior and Motivation - Limbic System and Hypothalamus	Effervescence TRUE
14:50 - 15:30 ANA206	LAB (Cranial Nerves VII-XII) Group-A	Faculty Members of the Department (Anatomy)
15:40 - 16:20 ANA206	LAB (Cranial Nerves VII-XII) Group-A	Faculty Members of the Department (Anatomy)
<b>Friday, April 3, 2026</b>		
08:30 - 09:10 ANA206	Diencephalon	Muhammed Furkan ARPACI
09:20 - 10:00 ANA206	Diencephalon	Muhammed Furkan ARPACI
10:10 - 10:50 ANA206	Diencephalon	Muhammed Furkan ARPACI
11:00 - 11:40 TBK206	Biochemistry of cerebrospinal fluid (CSF)	Tuýba Raika CALL
13:10 - 13:50 BF206	EEG and Evoked Potentials	Mehtap DÜZ
14:00 - 14:40 BF206	EEG and Evoked Potentials	Mehtap DÜZ
14:50 - 15:30 FyZ206	Cerebral Blood Circulation and Cerebrospinal Fluid	Feyzi DOYRU
15:40 - 16:20 FyZ206	Cerebral Blood Circulation and Cerebrospinal Fluid	Feyzi DOYRU

Monday, April 6, 2026	Course Name	Faculty Member
08:30 - 09:10 ANA206 LAB (Diencephalon) Grup-B		Faculty Members of the Department (Anatomy)
09:20 - 10:00 ANA206 LAB (Diencephalon) Grup-B		Faculty Members of the Department (Anatomy)
10:10 - 10:50 FyZ206 Learning and Memory Learning		Blessed PALA
11:00 - 11:40 FyZ206	and Memory	Blessed PALA
13:10 - 13:50 FyZ206	Brain Activity States - Sleep, Brain Waves	Blessed PALA
14:00 - 14:40 FyZ206	Brain Activity States - Sleep, Brain Waves	Blessed PALA
14:50 - 15:30 ANA206 LAB (Diencephalon) Grup-A		Faculty Members of the Department (Anatomy)
15:40 - 16:20 ANA206 LAB (Diencephalon) Grup-A		Faculty Members of the Department (Anatomy)
<b>Tuesday, April 7, 2026</b>		
08:30 - 09:10 ANA206 Autonomic Nervous System		Nihal Sümeyye ULUTAÿ
09:20 - 10:00 ANA206 Autonomic Nervous System		Nihal Sümeyye ULUTAÿ
10:10 - 10:50 ANA206 White matter		Hÿdÿr Molasses
11:00 - 11:40 ANA206 Basal ganglia		Hÿdÿr Molasses
13:10 - 13:50 FyZ206	Epilepsy, Psychoses	Blessed PALA
14:00 - 14:40 FyZ206	Epilepsy, Psychoses	Blessed PALA
14:50 - 15:30 ANA206 LAB (White Matter, Basal Ganglia) Group-A		Faculty Members of the Department (Anatomy)
15:40 - 16:20 ANA206 LAB (White Matter, Basal Ganglia) Group-A		Faculty Members of the Department (Anatomy)
<b>Wednesday, April 8, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, April 9, 2026</b>		
08:30 - 09:10 ANA206 LAB (White Matter, Basal Ganglia) Group-B		Faculty Members of the Department (Anatomy)
09:20 - 10:00 ANA206 LAB (White Matter, Basal Ganglia) Group-B		Faculty Members of the Department (Anatomy)
10:10 - 10:50 ANA206 Telencephalon Morphology, Motor and Sensory Cortex		Esra AKKUÿ YETKÿN
11:00 - 11:40 ANA206 Telencephalon Morphology, Motor and Sensory Cortex		Esra AKKUÿ YETKÿN
13:10 - 13:50 ANA206 Telencephalon Morphology, Motor and Sensory Cortex		Esra AKKUÿ YETKÿN
14:00 - 14:40 ANA206 Meninges and Sinuses		Nihal Sümeyye ULUTAÿ
14:50 - 15:30 ANA206 Brain Ventricles and CSF Circulation		Nihal Sümeyye ULUTAÿ
15:40 - 16:20 ANA206 Limbic System		Nihal Sümeyye ULUTAÿ
<b>Friday, April 10, 2026</b>		
08:30 - 09:10 ANA206 LAB (Telencephalon Morphology, Motor and Sensory Cortex) Group-B		Faculty Members of the Department (Anatomy)
09:20 - 10:00 ANA206 LAB (Telencephalon Morphology, Motor and Sensory Cortex) Group-B		Faculty Members of the Department (Anatomy)
10:10 - 10:50 ANA206 LAB (Telencephalon Morphology, Motor and Sensory Cortex) Group-A		Faculty Members of the Department (Anatomy)
11:00 - 11:40 ANA206 LAB (Telencephalon Morphology, Motor and Sensory Cortex) Group-A		Faculty Members of the Department (Anatomy)
13:10 - 13:50 ANA206 LAB (Brain Ventricles, Meninges and Sinuses) Group-B		Faculty Members of the Department (Anatomy)
14:00 - 14:40 ANA206 LAB (Brain Ventricles, Meninges and Sinuses) Group-B		Faculty Members of the Department (Anatomy)
14:50 - 15:30 ANA206 LAB (Brain Ventricles, Meninges and Sinuses) Group-A		Faculty Members of the Department (Anatomy)
15:40 - 16:20 ANA206 LAB (Brain Ventricles, Meninges and Sinuses) Group-A		Faculty Members of the Department (Anatomy)

Monday, April 13, 2026	Course Name	Faculty Member
08:30 - 09:10 ANA206	Eye Anatomy (Orbita and Contents)	Muhammed Furkan ARPACI
09:20 - 10:00 ANA206	Eye Anatomy (Orbita and Contents)	Muhammed Furkan ARPACI
10:10 - 10:50 HE206	Eye Histology	Emrah ZAYMAN
11:00 - 11:40 HE206	Eye Histology	Emrah ZAYMAN
13:10 - 13:50 ANA206	LAB (Eye Anatomy: Orbit and Its Contents) Group-B	Faculty Members of the Department (Anatomy)
14:00 - 14:40 ANA206	LAB (Eye Anatomy: Orbit and Its Contents) Group-B	Faculty Members of the Department (Anatomy)
14:50 - 15:30 ANA206	LAB (Eye Anatomy: Orbit and Its Contents) Group-A	Faculty Members of the Department (Anatomy)
15:40 - 16:20 ANA206	LAB (Eye Anatomy: Orbit and Its Contents) Group-A	Faculty Members of the Department (Anatomy)
<b>Tuesday, April 14, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Wednesday, April 15, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00 ANA206	Eye Anatomy (Bulbus oculi)	Hÿdÿr Molasses
10:10 - 10:50 ANA206	Eye Anatomy (Bulbus oculi)	Hÿdÿr Molasses
11:00 - 11:40 ANA206	Eye Anatomy (Visual Pathways)	Hÿdÿr Molasses
13:10 - 13:50 ANA206/HE206	LAB (Eye Anatomy: Bulbus oculi) Group-A/ (Eye Histology) Group B	Faculty Members of the Department (Anatomy-Histology)
14:00 - 14:40 ANA206/HE206	LAB (Eye Anatomy: Bulbus oculi) Group-A/ (Eye Histology) Group B	Faculty Members of the Department (Anatomy-Histology)
14:50 - 15:30 ANA206/HE206	LAB (Eye Anatomy: Bulbus oculi) Group-B/ (Eye Histology) Group A	Faculty Members of the Department (Anatomy-Histology)
15:40 - 16:20 ANA206/HE206	LAB (Eye Anatomy: Bulbus oculi) Group-B/ (Eye Histology) Group A	Faculty Members of the Department (Anatomy-Histology)
<b>Thursday, April 16, 2026</b>		
08:30 - 09:10 FÿZ206	Physiology of Vision	Blessed PALA
09:20 - 10:00 FÿZ206	Physiology of Vision	Blessed PALA
10:10 - 10:50 FÿZ206	Physiology of Vision	Blessed PALA
11:00 - 11:40 FÿZ206	Physiology of Vision	Blessed PALA
13:10 - 13:50 BF206	Biophysics of Vision	Mehtap DÛZ
14:00 - 14:40 BF206	Biophysics of Vision	Mehtap DÛZ
14:50 - 15:30 BF206	Biophysics of Vision	Mehtap DÛZ
15:40 - 16:20	FREELANCE	
<b>Friday, April 17, 2026</b>		
08:30 - 09:10 ANA206	Ear anatomy	Nihal Sÿmeyye ULUTAÿ
09:20 - 10:00 ANA206	Ear anatomy	Nihal Sÿmeyye ULUTAÿ
10:10 - 10:50 ANA206	Hearing and Balance Pathways	Nihal Sÿmeyye ULUTAÿ
11:00 - 11:40 HE206	Ear Histology	Oya KORKMAZ
13:10 - 13:50 HE206	Ear Histology	Oya KORKMAZ
14:00 - 14:40 FÿZ206	Hearing and Balance Physiology	Blessed PALA
14:50 - 15:30 FÿZ206	Hearing and Balance Physiology	Blessed PALA
15:40 - 16:20 FÿZ206	Hearing and Balance Physiology	Blessed PALA

Monday, April 20, 2026			
08:30 - 09:10	ANA206/MBU206	LAB (Ear anatomy) Group-B/ MBU XI: (Vision and Hearing Tests) Group A	AD Instructors (Anatomy-Mukaddes PALA)
09:20 - 10:00	ANA206/MBU206	LAB (Ear anatomy) Group-B/ MBU XI: (Vision and Hearing Tests) Group A	AD Instructors (Anatomy-Mukaddes PALA)
10:10 - 10:50	HE206	Nervous System Development	Emrah ZAYMAN
11:00 - 11:40	HE206	Nervous System Development	Emrah ZAYMAN
13:10 - 13:50	BF206	Biophysics of Sound and Hearing	Mehtap DÜZ
14:00 - 14:40	BF206	Biophysics of Sound and Hearing	Mehtap DÜZ
14:50 - 15:30	BF206	Biophysics of Sound and Hearing	Mehtap DÜZ
15:40 - 16:20		FREELANCE	
Tuesday, April 21, 2026			
08:30 - 09:10	ANA206/MBU206	LAB (Ear anatomy) Group-A/ MBU XI: (Vision and Hearing Tests) Group B	AD Instructors (Anatomy-Mukaddes PALA)
09:20 - 10:00	ANA206/MBU206	LAB (Ear anatomy) Group-A/ MBU XI: (Vision and Hearing Tests) Group B	AD Instructors (Anatomy-Mukaddes PALA)
10:10 - 10:50	ANA206	Reticular Formation, Tat Duyusu	Gökçe BAÿCI UZUN
11:00 - 11:40	ANA206	Reticular Formation, Tat Duyusu	Gökçe BAÿCI UZUN
13:10 - 13:50	ANA206	olfactory pathways	Gökçe BAÿCI UZUN
14:00 - 14:40	ANA206	Central nervous system vessels	Muhammed Furkan ARPACI
14:50 - 15:30	ANA206	Clinical Anatomy of the Nervous System	Muhammed Furkan ARPACI
15:40 - 16:20		FREELANCE	
Wednesday, April 22, 2026			
08:30 - 09:10		FREELANCE	
09:20 - 10:00		FREELANCE	
10:10 - 10:50		FREELANCE	
11:00 - 11:40		FREELANCE	
13:10 - 13:50		FREELANCE	
14:00 - 14:40		FREELANCE	
14:50 - 15:30		FREELANCE	
15:40 - 16:20		FREELANCE	
Thursday, April 23, 2026			
08:30 - 09:10	<b>April 23 National Sovereignty and Children's Day</b>		
09:20 - 10:00			
10:10 - 10:50			
11:00 - 11:40			
13:10 - 13:50			
14:00 - 14:40			
14:50 - 15:30			
15:40 - 16:20			
Friday, April 24, 2026			
08:30 - 09:10	ANA206	LAB (Central nervous system vessels) Group-A	Faculty Members of the Department (Anatomy)
09:20 - 10:00	ANA206	LAB (Central nervous system vessels) Group-A	Faculty Members of the Department (Anatomy)
10:10 - 10:50	FyZ206	Chemical Senses: Physiology of Smell and Taste	Blessed PALA
11:00 - 11:40	FyZ206	Chemical Senses: Physiology of Smell and Taste	Blessed PALA
13:10 - 13:50	BF206	Biophysics of Taste and Smell	Mehtap DÜZ
14:00 - 14:40	BF206	Biophysics of Taste and Smell	Mehtap DÜZ
14:50 - 15:30	ANA206	LAB (Central nervous system vessels) Group-B	Faculty Members of the Department (Anatomy)
15:40 - 16:20	ANA206	LAB (Central nervous system vessels) Group-B	Faculty Members of the Department (Anatomy)

Monday, April 27, 2026	Course Name	Faculty Member
08:30 - 09:10 ANA	206 LAB (General study) Group-B	Faculty Members of the Department (Anatomy)
09:20 - 10:00 ANA	206 LAB (General study) Group-B	Faculty Members of the Department (Anatomy)
10:10 - 10:50 ANA	206 LAB (General study) Group-B	Faculty Members of the Department (Anatomy)
11:00 - 11:40 ANA	206 LAB (General study) Group-B	Faculty Members of the Department (Anatomy)
13:10 - 13:50 ANA	206 LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
14:00 - 14:40 ANA	206 LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
14:50 - 15:30 ANA	206 LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
15:40 - 16:20 ANA	206 LAB (General study) Group-A	Faculty Members of the Department (Anatomy)
<b>Tuesday, April 28, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Wednesday, April 29, 2026</b>		
08:30 - 09:10		
09:20 - 10:00	<b>THEORETICAL EXAM</b>	
10:10 - 10:50		
11:00 - 11:40	<b>EVALUATION OF THEORETICAL EXAM QUESTIONS</b>	
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Thursday, April 30, 2026</b>		
08:30 - 09:10	<b>PRACTICAL EXAM</b>	
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Friday, May 1, 2026</b>		
08:30 - 09:10	<b>May 1st Labor Day</b>	
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		

## BIOLOGICAL BASIS OF DISEASES COURSE BOARD

No.	Committee	Start-End	Week	Theoretical	Practical	ECTS
207	Biological Basis of Diseases Course Board	May 4 – June 3, 2026	4	67	8	5
COURSES			CLASS HOURS			
			THEORETICAL	PRACTICE		
TIBBİ BİYOKİMYA (TBK-207)			12	-		
MEDICAL MICROBIOLOGY (TM-207)			8	-		
MEDICAL BIOLOGY and GENETICS (TBL-207)			13	-		
MEDICAL PATHOLOGY (TP-207)			12	-		
PHYSIOLOGY (PHYS-207)			4	-		
IMMUNOLOGY (IMM-207)			10	-		
CHEST DISEASES (CHEST-107) INTERNAL DISEASES (IH-207)			2	-		
			2	-		
PARASITOLOGY (PRZ-207)			2	-		
RADIATION ONCOLOGY (RD-207)			2	-		
PROFESSIONAL SKILLS APPLICATION (MBU-207)			-	8		
<b>TOTAL</b>			<b>67</b>	<b>8</b>		
ELECTIVE				6		
FREELANCE				67		

PROFESSIONAL SKILLS APPLICATIONS (MBU)		Faculty Member	Lesson The time
CHAPTER XII	Ability to prepare stained and unstained preparations for microscopic examination – Department of Microbiology	İyğlay Gökçe BENK	4
MBU XIII	Ability to take samples for culture – MICROBIOLOGY DEPARTMENT	İyğlay Gökçe BENK	4

## BIOLOGICAL BASIS OF DISEASES COURSE

### PURPOSE OF THE BOARD

The goal is to provide students with information about basic immunology and basic pathology. Biochemical studies of metabolic disorders, passive diffusion in membrane potentials, the immune system and its constituent cells, pharmaceutical forms of drugs, absorption, excretion, and effects, pathological disorders, and healing. will be examined.

## BIOLOGICAL BASIS OF DISEASES COURSE BOARD LEARNING OBJECTIVES

**Knowledge LO 1.** Be able to recognize pathogenic microorganisms and normal flora elements (preparations from healthy individuals and patient samples) preparation, gram staining, evaluation under light microscope). **LO 2.** Will be able to learn and apply the principles of sterilization and disinfection. **LO 3.** Will have information about the immune system. **LO 4.** Will be able to describe the changes caused by inflammation caused by infectious agents on tissue and organ systems. **LO 5.** Will be able to learn the groups of antibiotics and their resistance mechanisms (learning resistance assessment techniques in the laboratory). **LO 6.** Will be able to apply and evaluate serological tests in the identification of infectious agents.

Recognize cell necrosis. **LO 7.** They should learn laboratory findings related to the biochemistry of body fluids and the liver. **LO 8.** They will learn the clinical uses of enzymes. **LO 9.** They will learn oxidative stress and antioxidant systems. **LO 10.** They will understand the definition and importance of proteomics. **LO 11.** They will learn the cells of the immune system, their basic properties and functions. **LO 12.** They will learn the formation, structure, groups, and functions of immunoglobulins. **LO 13.** They will learn the structure and functions of the T cell receptor and understand its role in cellular immune responses. **LO 14.** They should learn the rules and dynamics of immunoglobulin and T cell receptor diversity, and will establish the infrastructure of adaptive immune responses and vaccination. **LO 15.** They will learn the developmental stages of B cells and T cells.

**LO 16.** They will learn the structure and functions of cytokines. **LO 17.** They should learn the processes leading up to the preparation of antigen presentation, and in particular, they should understand the formation of adaptive cellular immune responses. **LO 18.** They will learn the basic dynamics of antigen presentation.

English: **LO 19.** Will learn the structure, activation pathways, and regulation of the complement system. **LO 29.** Will learn the formation, types, and functioning of cellular immune responses. **LO 21.** Will learn the formation, types, and functioning of humoral immune responses. **LO 22.** Will learn the elements and formation mechanisms of inflammation. **LO 23.** Will learn the types, vital importance, and formation mechanisms of immune tolerance. **LO 24.** Will learn how humoral and cellular responses are regulated and controlled. **LO 25.** Will learn how the immune system communicates with other systems, the basic dynamics of intersystem interactions, and general changes that affect the immune system. **LO 26.** Will define pathology and learn the functions of the pathology laboratory. **LO 27.** Will understand the general mechanisms and cellular adaptation disorders in cell injury. **LO 28.** Will gain information about intracellular accumulations. **LO 29.** Will learn the general reactions and mediators of acute and chronic inflammation. **LO 30.** Will learn about regeneration and reparation. **LO 31.** Will understand the general mechanisms of apoptosis. **LO 32.** Will learn about fluid-electrolyte and blood circulation disorders. **LO 33.** Will understand the pathology of genetic disorders. **LO 34.** Will be able to comment on cytogenetic results. **LO 35.** Will know antenatal diagnostic methods. **LO 36.** Will be able to comment on polymorphisms. **LO 37.** Will learn the pharmaceutical forms of drugs. **LO 38.** Will understand the absorption and administration routes of drugs. **LO 39.** Will understand the distribution and metabolism of drugs. **LO 40.** Will understand the excretion and elimination kinetics of drugs. **LO 41.** Will understand the dose-concentration-effect relationship. English: **LO 42.** Will understand the factors that alter drug effects. **LO 43.** Will understand the mechanisms of action of drugs and their receptor interactions. **LO 44.** Will learn the toxic effects of drugs. **LO 45.** Will gain knowledge about drug interactions. **LO 46.** Will gain knowledge about the clinical evaluation of new drugs. **LO 47.** Will understand the molecular basis of cancer. **LO 48.** Will know the genetic risk factors that cause cancer. **LO 49.** Will learn the biochemistry of cancer. **LO 50.** Will learn tumor markers, classification, areas of use, and interpretation. **LO 51.** Will learn the biological and genetic effects of radiation. **LO 52.** Will learn the logic of nuclear medicine applications used in oncology. **LO 53.** Will be able to

**LO 54.** Will be able to define the biological basis of nicotine addiction. **LO 55.** Will be able to understand the definition, nomenclature, and classification of neoplasia. **LO 56.** Will be able to define the pathogenesis of parasitic diseases. **LO 57.** Will be able to define mycology, its terminology, and major mycosis groups. **LO 58.** Will be able to know the agents of zoonotic infections. **LO 59.** Will be able to gain awareness about disaster preparedness and biological threats. **LO 60.** Will be able to define the metabolic response to stress.

**Skill**

**ÖH 61.** Will be able to obtain samples for culture. **ÖH 62.** Will be able to prepare stained and unstained preparations for microscopic examination. **ÖH 63.** Will be able to obtain neonatal heel blood and fill out the Guthrie paper. **ÖH 64.** Will be able to perform IM injections (deltoid, gluteal, thigh) and IV injections.

**Attitude**

**ÖH 65.** As a medical student, they will be aware of the need for access to up-to-date information. **ÖH 66.** As a medical student, they will be aware of the necessity of study discipline. **ÖH 67.** As a medical student, they will be aware that medical education is a holistic process and that all the knowledge they gain is necessary for their future studies.

**LO 68.** Will be aware of the holistic approach to health (bioöpsychoösocial and cultural approach).





## TEACHING METHODS OF THE BIOLOGICAL BASIS OF DISEASES COURSE BOARD

**KNOWLEDGE-ORIENTED EDUCATION**

- Classroom lesson / Trainer presentation
- Practical lessons

**MEDICAL PRACTICES  
DIRECTED EDUCATION**

- Professional skills applications
- Laboratory applications
- Independent learning practices

**PROFESSIONALISM  
EDUCATION**

- Vocational skills applications
- Laboratory applications

## BIOLOGICAL BASIS OF DISEASES COURSE BOARD'S MEASUREMENT AND EVALUATION METHODS

**END OF BOARD THEORETICAL EXAM** It consists of multiple choice questions determined according to the number of courses.

**END OF BOARD PRACTICAL EXAM** It consists of oral and practical questions covering practical lessons and Professional Skills Practices held within the board.

**END OF BOARD GRADE  
CALCULATION** It is stated in the Education-Training and Examination Regulation.

## **BIOLOGICAL BASIS OF DISEASES COURSE BOARD WEIGHTS OF THE COURSES**

	<b>Class Hours</b>	<b>Percentage (%)</b>
<b>THEORETICAL COURSE</b>	<b>67</b>	<b>45</b>
<b>PRACTICAL LESSON</b>	<b>8</b>	<b>5</b>
<b>ELECTIVE</b>	<b>6</b>	<b>5</b>
<b>FREELANCE</b>	<b>67</b>	<b>45</b>

COURSE BOARD VII: BIOLOGICAL BASIS OF DISEASES COURSE BOARD			
Monday, May 4, 2026	Course Name	Faculty Member	
08:30 - 09:10	FREELANCE		
09:20 - 10:00 TM207	Major bacterial groups	Sahin DIREKEL	
10:10 - 10:50 TBL207	Indications for Cytogenetic Diagnosis	Saime SEZER SONDAS	
11:00 - 11:40 TBL207	Indications for Cytogenetic Diagnosis	Saime SEZER SONDAS	
13:10 - 13:50 yMM207	Primary immunodeficiencies	Mehmet YABAS	
14:00 - 14:40 yMM207	Secondary immunodeficiencies	Mehmet YABAS	
14:50 - 15:30	<b>ELECTIVE</b>		
15:40 - 16:20	<b>ELECTIVE</b>		
<b>Tuesday, May 5, 2026</b>			
08:30 - 09:10 TM207	Pathogenesis of bacterial infections	Sahin DIREKEL	
09:20 - 10:00 TM207	Pathogenesis of bacterial infections	Sahin DIREKEL	
10:10 - 10:50 TP207	Definition of pathology	Abdullah Fahri yAHyN	
11:00 - 11:40 TP207	Cell adaptation and injury	Abdullah Fahri yAHyN	
13:10 - 13:50 TBK207	Acute phase response	Tuýba Raika CALL	
14:00 - 14:40 TBK207	Nitric oxide	Tuýba Raika CALL	
14:50 - 15:30 yMM207	Hypersensitivity reactions	Mehmet YABAS	
15:40 - 16:20 yMM207	Hypersensitivity reactions	Mehmet YABAS	
<b>Wednesday, May 6, 2026</b>			
08:30 - 09:10	FREELANCE		
09:20 - 10:00	FREELANCE		
10:10 - 10:50	FREELANCE		
11:00 - 11:40	FREELANCE		
13:10 - 13:50	FREELANCE		
14:00 - 14:40	FREELANCE		
14:50 - 15:30	FREELANCE		
15:40 - 16:20	FREELANCE		
<b>Thursday, May 7, 2026</b>			
08:30 - 09:10	FREELANCE		
09:20 - 10:00 TP207	Cell Damage	Abdullah Fahri yAHyN	
10:10 - 10:50 TP207	Cell Damage	Abdullah Fahri yAHyN	
11:00 - 11:40 TP207	Intracellular deposits and Amyloidosis	Abdullah Fahri yAHyN	
13:10 - 13:50 TBL207	Chromosomal Abnormalities	Serdar SARITAý	
14:00 - 14:40 TBL207	Chromosomal Abnormalities	Serdar SARITAý	
14:50 - 15:30 TBK207	Transudate Exudate	Tuýba Raika CALL	
15:40 - 16:20 TBK207	Differentiation Free radical formation and free radical damage mechanism.	Tuýba Raika CALL	
<b>Friday, May 8, 2026</b>			
08:30 - 09:10 MBU207	MBU XII: Ability to prepare stained and unstained preparations for microscopic examination	Iýýlay Gökçe BENK	
09:20 - 10:00 MBU207	MBU XII: Ability to prepare stained and unstained preparations for microscopic examination	Iýýlay Gökçe BENK	
10:10 - 10:50 MBU207	MBU XII: Ability to prepare stained and unstained preparations for microscopic examination	Iýýlay Gökçe BENK	
11:00 - 11:40 MBU207	MBU XII: Ability to prepare stained and unstained preparations for microscopic examination	Iýýlay Gökçe BENK	
13:10 - 13:50 TBL207	Signal transduction pathways	Serdar SARITAý	
14:00 - 14:40 TBL207	Signal transduction	Serdar SARITAý	
14:50 - 15:30 yMM207	pathways Immunological Tolerance and	Mehmet YABAS	
15:40 - 16:20 yMM207	Autoimmunity Immunological Tolerance and Autoimmunity	Mehmet YABAS	

Monday, May 11, 2026	Course Name	Faculty Member
08:30 - 09:10 TP207	General characteristics of	Fahriye Seçil TECELLYOYLU
09:20 - 10:00 TP207	inflammation Chemical mediators in inflammation	Fahriye Seçil TECELLYOYLU
10:10 - 10:50 TBL207	Cell death mechanisms	Saime SEZER SONDAS
11:00 - 11:40 TBL207	Cell death mechanisms	Saime SEZER SONDAS
13:10 - 13:50 yMM207	Transplantation immunology	Mehmet YABAS
14:00 - 14:40 yMM207	Transplantation immunology	Mehmet YABAS
14:50 - 15:30	<b>ELECTIVE</b>	
15:40 - 16:20	<b>ELECTIVE</b>	
<b>Tuesday, May 12, 2026</b>		
08:30 - 09:10	<b>ELECTIVE</b>	
09:20 - 10:00	<b>ELECTIVE</b>	
10:10 - 10:50 yMM207	Tumor immunology	Mehmet YABAS
11:00 - 11:40 yMM207	Tumor immunology	Mehmet YABAS
13:10 - 13:50 TM207	Fungal pathogenesis	Iyyilay Gökçe BENK
14:00 - 14:40 PRZ207	Introduction to parasitology and classification	Iyyilay Gökçe BENK
14:50 - 15:30 PRZ207	Pathogenesis of parasitic diseases	Iyyilay Gökçe BENK
15:40 - 16:20	FREELANCE	
<b>Wednesday, May 13, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, May 14, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50 TBK207	Defense mechanism against free radicals	Fatma OZYALIN
14:00 - 14:40 TBK207	Defense mechanism against free radicals	Fatma OZYALIN
14:50 - 15:30 FyZ207	Metabolic response to stress	Cihat UÇAR
15:40 - 16:20 FyZ207	Metabolic response to stress	Cihat UÇAR
<b>Friday, May 15, 2026</b>		
08:30 - 09:10 GÖYH207	Biological basis of tobacco use disorder	Nurcan KIRICI BERBER
09:20 - 10:00 GÖYH207	Biological basis of tobacco use disorder	Nurcan KIRICI BERBER
10:10 - 10:50 yH207	Biological basis of crush syndrome	Irem PEMBEGUL
11:00 - 11:40 yH207	Biological basis of kidney diseases	Irem PEMBEGUL
13:10 - 13:50 MBU207 MBU XIII	Ability to take samples for culture	Iyyilay Gökçe BENK
14:00 - 14:40 MBU207 MBU XIII	Ability to take samples for culture	Iyyilay Gökçe BENK
14:50 - 15:30 MBU207 MBU XIII	Ability to take samples for culture	Iyyilay Gökçe BENK
15:40 - 16:20 MBU207 MBU XIII	Ability to take samples for culture	Iyyilay Gökçe BENK

Monday, May 18, 2026	Course Name	Faculty Member
08:30 - 09:10 TBL207	Immunogenetics	Serdar SARITAÿ
09:20 - 10:00 TBL207	Morphological	Serdar SARITAÿ
10:10 - 10:50 TP207	patterns and clinical features in immunogenetic inflammation	Fahriye Seçil TECELLÿOÿLU
11:00 - 11:40 TP207	Chronic inflammation and wound healing	Fahriye Seçil TECELLÿOÿLU
13:10 - 13:50 TM207	Zoonotic infection agents	İÿÿlay Gökçe BENK
14:00 - 14:40 TM207	Pathogenesis of viral diseases,	İÿÿlay Gökçe BENK
14:50 - 15:30 RD207	disaster preparedness, nuclear threat and radiation effects pathogenesis	Rukan KARACA
15:40 - 16:20 RD207	Disaster preparedness, Nuclear threat and Radiation effects pathogenesis	Rukan KARACA
<b>Tuesday, May 19, 2026</b>		
08:30 - 09:10	<b>19 MAY ATATÛRK COMMEMORATION, YOUTH AND SPORTS DAY</b>	
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Wednesday, May 20, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, May 21, 2026</b>		
08:30 - 09:10 TBL207	Pharmacogenetics	Serdar SARITAÿ
09:20 - 10:00 TBL207	Pharmacogenetics	Serdar SARITAÿ
10:10 - 10:50 TBK207	Fluid and electrolyte disturbances	Tuÿba Raika CALL
11:00 - 11:40 TBK207	Fluid and electrolyte disturbances	Tuÿba Raika CALL
13:10 - 13:50 TBK207	Disaster preparedness - Chemical threats	Tuÿba Raika CALL
14:00 - 14:40 TBK207	Disaster preparedness - Chemical threats	Tuÿba Raika CALL
14:50 - 15:30 TM207	Disaster preparedness - biological threats	İÿÿlay Gökçe BENK
15:40 - 16:20 TM207	Introduction to mycology, terminology and major mycosis groups	İÿÿlay Gökçe BENK
<b>Friday, May 22, 2026</b>		
08:30 - 09:10 TBL207	Cancer pathogenesis	Serdar SARITAÿ
09:20 - 10:00 TBK207	Carbohydrate metabolism disorders	Fatma OZYALIN
10:10 - 10:50 TBK207	Carbohydrate metabolism disorders	Fatma OZYALIN
11:00 - 11:40 FÿZ207	Diseases caused by ion channel disorders Diseases	Cihat UÇAR
13:10 - 13:50 FÿZ207	caused by ion channel disorders Edema, hyperemia,	Cihat UÇAR
14:00 - 14:40 TP207	congestion, embolism, infarction Shock, hemostasis,	Abdullah Fahri İAHİÿN
14:50 - 15:30 TP207	thrombosis, hemorrhage Environmental	Fahriye Seçil TECELLÿOÿLU
15:40 - 16:20 TP207	pathology and nutritional pathology	Fahriye Seçil TECELLÿOÿLU

Monday, May 25, 2026	Course Name	Faculty Member
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Tuesday, May 26, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	<b>EVE OF QURBANI HOLIDAY</b>	
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Wednesday, May 27, 2026</b>		
08:30 - 09:10	<b>1st DAY OF EID-AL-Adha</b>	
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Thursday, May 28, 2026</b>		
08:30 - 09:10	<b>2nd day of Eid al-Adha</b>	
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Friday, May 29, 2026</b>		
08:30 - 09:10	<b>3rd DAY OF EID-AL-Adha</b>	
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		

Monday, June 1, 2026	Course Name	Faculty Member
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Tuesday, June 2, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Wednesday, June 3, 2026</b>		
08:30 - 09:10	FREELANCE	
09:20 - 10:00	FREELANCE	
10:10 - 10:50	FREELANCE	
11:00 - 11:40	FREELANCE	
13:10 - 13:50	FREELANCE	
14:00 - 14:40	FREELANCE	
14:50 - 15:30	FREELANCE	
15:40 - 16:20	FREELANCE	
<b>Thursday, June 4, 2026</b>		
08:30 - 09:10		
09:20 - 10:00	THEORETICAL EXAM	
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50	EVALUATION OF THEORETICAL EXAM QUESTIONS	
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		
<b>Friday, June 5, 2026</b>		
08:30 - 09:10	PRACTICAL EXAM	
09:20 - 10:00		
10:10 - 10:50		
11:00 - 11:40		
13:10 - 13:50		
14:00 - 14:40		
14:50 - 15:30		
15:40 - 16:20		