

**GAZİ UNIVERSITY MEDICAL FACULTY  
PHASE I – TISSUE BIOLOGY COMMITTEE II  
(24 MARCH 2025 – 16 MAY 2025)**

<b>COURSES</b>	<b>THEORETICAL</b>	<b>LABORATORY</b>	<b>PRACTICAL</b>	<b>TOTAL</b>
ANATOMY	36	11x2	-	58
HISTOLOGY AND EMBRYOLOGY	25	4x2	-	33
PHYSIOLOGY	21	2x2	-	25
MEDICAL BIOCHEMISTRY	6	-	-	6
PSYCHIATRY	7	-	-	7
<b>TOTAL</b>	<b>95</b>	<b>34</b>		<b>129</b>
<b>ELECTIVE COURSE</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>14</b>
<b>SOCIAL RESPONSIBILITY PROJECTS</b>	<b>8</b>	<b>-</b>	<b>-</b>	<b>8</b>
Exam evaluation and coordination feedback meeting	1	-	-	1
<b>TOTAL</b>	<b>118</b>	<b>34</b>	<b>-</b>	<b>152</b>
<b>FREE STUDY TIME</b>	<b>90</b>			

**Total 36 work days.**

**Free study time** definition: Individual studying courses intended for learning in accordance with the present committee.

**OBLIGATORY COURSES**

Turkish Language	14
Atatürk's Principles and History of His Revolutions	14
English	14

Turkish Language: Every week on Wednesday between 16.30 – 17.20.

Ataturk's Principles and History of His Revolutions: Every week on Tuesday between 18.00 – 18.50

English (face-to-face): Every week on Monday between 13.30 – 15.20.

13.05.2025	Tuesday	Applied Exam	08.30 – 17.20
14.05.2025	Wednesday	Applied Exam	08.30 – 16.20
15.05.2025	Friday	Applied Exam	08.30 – 17.20
16.05.2025	Thursday	Theoretical Exam	09.30 – 11.10

Dean	Prof. Dr. Alper CEYLAN
Vice Dean	Doç. Dr. Nazmi Mutlu KARAKAŞ
Vice Dean	Doç. Dr. Asiye UĞRAŞ DİKMEN
Head Coordinator	Prof. Dr. Çiğdem ÖZER
Assistant Head Coordinator	Prof. Dr. Mehmet Ali ERGÜN
Assistant Head Coordinator	Prof. Dr. Akif Muhtar ÖZTÜRK
<b>Phase I Coordinator</b>	<b>Dr. Öğr. Üyesi Meltem SEVGİLİ</b>
<b>Assistant Phase I Coordinator</b>	<b>Dr. Öğr. Duygu Deniz USTA SALİMİ</b>
<b>Assistant Phase I Coordinator</b>	<b>Öğr. Gör. Dr. Sidre ERGANİŞ</b>
<b>Assistant Phase I Coordinator</b>	<b>Öğr. Gör. Dr. Burak KAYABAŞI</b>

#### MEMBERS OF COMMITTEE

<b>ANATOMY</b>	<b>HISTOLOGY AND EMBRYOLOGY</b>	<b>PHYSIOLOGY</b>
Dr. Meltem BAHÇELİOĞLU	Dr. Çiğdem ELMAS	Dr. A. Meltem SEVGİLİ
Dr. Kerem ATALAR	Dr. Zeynep YIĞMAN	
<b>ANATOMY LAB.</b>	<b>HISTOLOGY AND EMBRYOLOGY LAB.</b>	<b>PHYSIOLOGY LAB.</b>
Dr. Meltem BAHÇELİOĞLU	Dr. Çiğdem ELMAS	Dr. A. Meltem SEVGİLİ
Dr. Kerem ATALAR	Dr. Zeynep YIĞMAN	Dr. Pelin TÜRKKAN
		Dr. Burak KAYABAŞI
		Dr. Hulusi YEŞİL
		Dr. Betül MOĞULKOÇ
<b>MEDICAL BIOCHEMISTRY</b>	<b>PSYCHIATRY</b>	
Dr. Neslihan BUKAN	Dr. Behçet COŞAR	
Dr. Aylin SEPİCİ DİNÇEL	Dr. Aslı KURUOĞLU	
Dr. Cengiz KARAKAYA	Dr. İrem EKMEKÇİ ERTEK	
Dr. Kübranur ÜNAL	Dr. Selçuk ASLAN	

<b>SOCIAL RESPONSIBILITY PROJECTS COORDINATOR</b>	Doç. Dr. Namık ÇENÇEN
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## TISSUE BIOLOGY COMMITTEE II – AIM AND LEARNING OBJECTIVES

### AIM:

At the end of 36 days of academic course period, the Phase I students are expected to define the locations, types and functions of muscles, to identify nerve tissue, to determine morphological significance and biochemical properties of muscle and nerve tissues.

### LEARNING OBJECTIVES:

1. To understand the general information about the muscles in our body and be able to say the muscles, their places, types and functions
2. To classify the spinal cord and spinal nerves, to be able to tell the branches of the plexus and the muscles they innervate
3. To be able to evaluate the relationship between anatomical information and clinical conditions
4. To be able to define biochemical properties of nerve, epithelium, muscle and connective tissue, to explain related diseases
5. To be able to explain the mechanism of muscle contraction and energy sources
6. To be able to categorize muscles, types, organisms, structural and contractile properties
7. To be able to define the importance of calcium-muscle interaction, stimulation response and calcium
8. To be able to define neurotransmitters and their receptors, to be able to tell the synthesis and destruction pathways
9. To be able to explain neuron types, glial cells, synapse types, nerve-muscle junction, functional unit of nervous system
10. To be able to define sensory organs and sensory receptors, to explain electrical and chemical events in receptors
11. To be able to tell the cells, components and types of muscle and nerve tissue, which features the germ leaf develops
12. Describe the dermis, epidermis cells together with their properties
13. To be able to define the stages of human embryo development
14. To be able to explain the basic concepts of psychiatry, to explain the functioning of the mind
15. To be able to show the muscles in the body and to distinguish the vessels and nerves of these muscles
16. Keeping the experimental animal properly and be able to prepare the preparation of nerve muscle junction in frog
17. To be able to examine tissues under microscope
18. Be aware of group work and cooperation in practical applications
19. Be aware of the need to comply with ethical rules when working with experimental animals
20. To be able to understand the importance of mental health in health concept

1. Hafta	24.03.2025 MONDAY	25.03.2025 TUESDAY	26.03.2025 WEDNESDAY	27.03.2025 THURSDAY	28.03.2025 FRIDAY
08:30 – 09:20	Free Study Time	Spinal cord and spinal nerves Dr. K. Atalar	General Embryology Dr. Ç. Elmas	Properties of synaptic conduction Dr. A. M. Sevgili	Anatomy Lab. 1
09:30 – 10:20	Introduction to muscles Dr. K. Atalar	General Embryology Dr. Ç. Elmas	General Embryology Dr. Ç. Elmas	Properties of synaptic conduction Dr. A. M. Sevgili	
10:30 – 11:20	Physiology of peripheral nervous system Dr. A. M. Sevgili	General Embryology Dr. Ç. Elmas	Superficial structures of the neck Dr. M. Bahçelioğlu	General Embryology Dr. Ç. Elmas	
11:30 – 12:20	Physiology of peripheral nervous system Dr. A. M. Sevgili	Biochemistry of endothelium tissue Dr. C. Karakaya	Superficial structures of the neck Dr. M. Bahçelioğlu	General Embryology Dr. Ç. Elmas	
13:30 – 14:20	ENGLISH	Conduction properties of peripheral nervous system Dr. A. M. Sevgili	Connective tissue biochemistry Dr. N. Bukan	Deep structures of the neck Dr. M. Bahçelioğlu	
14:30 – 15:20		Synapses and types of synapses Dr. A. M. Sevgili	S Connective tissue biochemistry Dr. N. Bukan	Deep structures of the neck Dr. M. Bahçelioğlu	Superficial muscles of the neck and back Dr. K. Atalar
15:30 – 16:20	ELECTIVE COURSES	Free Study Time	Free Study Time	Muscle tissue biochemistry Dr. A. Sepici Dinçel	Deep muscles of the neck and back Dr. K. Atalar
16:30 – 17:20		Free Study Time	16:30-17:20 Turkish Language	Muscle tissue biochemistry Dr. A. Sepici Dinçel	Soru Analizi ve Geri Bildirim Toplantısı 1.Yıl Koordinatörlüğü
				18:00 - 18:50 Ataturk's Principles and History of His Revolutions	

2. Hafta	31.03.2025 MONDAY	1.04.2025 TUESDAY	2.04.2025 WEDNESDAY	3.04.2025 THURSDAY	4.04.2025 FRIDAY
08:30 – 09:20	RAMADAN HOLIDAY	RAMADAN HOLIDAY	Free Study Time	Synaptic integration Dr. A. M. Sevgili	Free Study Time
09:30 – 10:20			Free Study Time	Synaptic integration Dr. A. M. Sevgili	Free Study Time
10:30 – 11:20			General Embryology Dr. Ç. Elmas	General Embryology Dr. Ç. Elmas	General Embryology Dr. Ç. Elmas
11:30 – 12:20			General Embryology Dr. Ç. Elmas	General Embryology Dr. Ç. Elmas	General Embryology Dr. Ç. Elmas
13:30 – 14:20	RAMADAN HOLIDAY	RAMADAN HOLIDAY	Muscle Dr. Z. Yiğman	Pectoral region and the breast Dr. K. Atalar	Anatomy Lab. 2 Group A
14:30 – 15:20			Muscle Dr. Z. Yiğman	Axioappendicular and scapulohumeral muscles Dr. K. Atalar	Histology & Embryology Lab. 1 Group B
15:30 – 16:20			Free Study Time	Free Study Time	Anatomy Lab. 2 Group B
16:30 – 17:20			16:30-17:20 Turkish Language	Free Study Time	Histology & Embryology Lab. 1 Group A
				18:00 - 18:50 Ataturk's Principles and History of His Revolutions	

3. Hafta	7.04.2025 MONDAY	8.04.2025 TUESDAY	9.04.2025 WEDNESDAY	10.04.2025 THURSDAY	11.04.2025 FRIDAY
08:30 – 09:20	Free Study Time	Free Study Time	General Embryology Dr. Ç. Elmas	Integument Dr. Z. Yiğman	Free Study Time
09:30 – 10:20	Nervous Tissue Dr. Z. Yiğman	Free Study Time	General Embryology Dr. Ç. Elmas	Integument Dr. Z. Yiğman	Free Study Time
10:30 – 11:20	Nervous Tissue Dr. Z. Yiğman	Axilla Dr. M. Bahçelioğlu	Sensorial receptors Dr. A. M. Sevgili	General Embryology Dr. Ç. Elmas	Free Study Time
11:30 – 12:20	Nervous Tissue Dr. Z. Yiğman	Nerve tissue biochemistry Dr. K. Ünal	Sensorial receptors Dr. A. M. Sevgili	General Embryology Dr. Ç. Elmas	Free Study Time
13:30 – 14:20	<b>ENGLISH</b> Mid-term Exam	Anatomy Lab. 3 Group A	Brachial plexus Dr. M. Bahçelioğlu	Free Study Time	<b>PBL-1</b>
14:30 – 15:20		Histology & Embryology Lab. 2 Group B	Brachial plexus Dr. M. Bahçelioğlu	Free Study Time	
15:30 – 16:20	<b>Elective courses</b> Mid-term Exams	Anatomy Lab. 3 Group B	Free Study Time	Free Study Time	
16:30 – 17:20		Histology & Embryology Lab. 2 Group A	Free Study Time	Free Study Time	

4. Hafta	14.04.2025 MONDAY	15.04.2025 TUESDAY	16.04.2025 WEDNESDAY	17.04.2025 THURSDAY	18.04.2025 FRIDAY
08:30 – 09:20	Anatomy Lab. 4 Group A	Autonomic nervous system Dr. A. M. Sevgili	Free Study Time	Free Study Time	Anatomy Lab. 5 Group A
09:30 – 10:20	Histology & Embryology Lab. 3 Group B	Autonomic nervous system Dr. A. M. Sevgili	Anterior compartment of the forearm Dr. M. Bahçelioğlu	Free Study Time	
10:30 – 11:20	Anatomy Lab. 4 Group B	Clinical anatomy Dr. M. Bahçelioğlu	Anterior compartment of the forearm Dr. M. Bahçelioğlu	Psychiatric History Dr. B. Çoşar	Anatomy Lab. 5 Group B
11:30 – 12:20	Histology & Embryology Lab. 3 Group A	Clinical anatomy Dr. M. Bahçelioğlu	Neuromuscular junction Dr. A. M. Sevgili	Palm of the hand Dr. M. Bahçelioğlu	
13:30 – 14:20	<b>ENGLISH</b>	Anterior and posterior compartment of the arm Dr. M. Bahçelioğlu	Skeletal muscle and contraction theories Dr. A. M. Sevgili	Posterior compartment of the forearm and dorsum of the hand Dr. M. Bahçelioğlu	PBL-2 Group A
14:30 – 15:20		General Embryology Dr. Ç. Elmas	Skeletal muscle and contraction theories Dr. A. M. Sevgili	Posterior compartment of the forearm and dorsum of the hand Dr. M. Bahçelioğlu	
15:30 – 16:20	<b>ELECTIVE COURSES</b>	General Embryology Dr. Ç. Elmas	Free Study Time	Free Study Time	PBL-2 Group B
16:30 – 17:20		Free Study Time	<b>Turkish Language</b>	Free Study Time	
				<b>18:00 - 18:50 Ataturk's Principles and History of His Revolutions</b>	

5. Hafta	21.04.2025 MONDAY	22.04.2025 TUESDAY	23.04.2025 WEDNESDAY	24.04.2025 THURSDAY	25.04.2025 FRIDAY
08:30 – 09:20	Free Study Time	Histology & Embryology Lab. 4 Group B	23 NİSAN  ULUSAL  EGEMENLİK VE ÇOCUK BAYRAMI	Lumbosacral plexus Dr. K. Atalar	Physiology lab. 1 Group A1
09:30 – 10:20	Free Study Time			Anatomy Lab 6 Group B	
10:30 – 11:20	Mechanical properties of skeletal muscle Dr. A. M. Sevgili	Histology & Embryology Lab. 4 Group A	EGEMENLİK VE ÇOCUK BAYRAMI	Clinical anatomy Dr. M. Bahçelioğlu	Physiology lab. 1 Group B1
11:30 – 12:20	Mechanical properties of skeletal muscle Dr. A. M. Sevgili			Anatomy Lab 6 Group A	
13:30 – 14:20	ENGLISH	Anatomy Lab. 7	23 NİSAN  ULUSAL  EGEMENLİK VE ÇOCUK BAYRAMI	Mechanical properties of skeletal muscle Dr. A. M. Sevgili	PBL-3 Group A
14:30 – 15:20				Mechanical properties of skeletal muscle Dr. A. M. Sevgili	Physiology lab. Group B2
15:30 – 16:20	ELECTIVE COURSES			Free Study Time	PBL-3 Group B
16:30 – 17:20				Free Study Time	Physiology lab. Group A2
				18:00 - 18:50 Ataturk's Principles and History of His Revolutions	



6. Hafta	28.04.2025 MONDAY	29.04.2025 TUESDAY	30.04.2025 WEDNESDAY	1.05.2025 THURSDAY	2.05.2025 FRIDAY
08:30 – 09:20	Anteromedial compartment of the thigh Dr. K. Atalar	Psychosexual and psyhosocial development Dr. A. Kuruoğlu	Physiology Lab 2. Group A2	1 MAYIS EMEK VE DAYANIŞMA GÜNÜ	Free Study Time
09:30 – 10:20	Anteromedial compartment of the thigh Dr. K. Atalar	Psychosexual and psyhosocial development Dr. A. Kuruoğlu	Anatomy Lab 8 Group B		Free Study Time
10:30 – 11:20	Physiology of smooth muscle Dr. A. M. Sevgili	Gluteal region Dr. K. Atalar	Physiology Lab 2. Group B2		Anatomy of the foot Dr. K. Atalar
11:30 – 12:20	Physiology of smooth muscle Dr. A. M. Sevgili	Posterior compartment of the thigh Dr. K. Atalar	Anatomy Lab 8 Group A		Anatomy of the foot Dr. K. Atalar
13:30 – 14:20	<b>ENGLISH</b>	Physiology Lab 2. Group A1	Anterolateral compartment of the leg Dr. K. Atalar	1 MAYIS EMEK VE DAYANIŞMA GÜNÜ	Mind and Brain Dr. S. Aslan
14:30 – 15:20			Posterior compartment of the leg Dr. K. Atalar		Mind and Brain Dr. S. Aslan
15:30 – 16:20	<b>ELECTIVE COURSES</b>	Physiology Lab 2. Group B1	Free Study Time		Free Study Time
16:30 – 17:20			16:30-17:20 Turkish Language		Free Study Time
17:30 – 18:10					

7. Hafta	5.05.2025 MONDAY	6.05.2025 TUESDAY	7.05.2025 WEDNESDAY	8.05.2025 THURSDAY	9.05.2025 FRIDAY
08:30 – 09:20	Anatomy Lab. 9	Free Study Time	Free Study Time	Anatomy Lab.10	Free Study Time
09:30 – 10:20		Free Study Time	Free Study Time		Free Study Time
10:30 – 11:20		Personality and defence mechanisms Dr. İ. Ertek Ekmekçi	Free Study Time		Free Study Time
11:30 – 12:20		Personality and defence mechanisms Dr. İ. Ertek Ekmekçi	Free Study Time		Free Study Time
13:30 – 14:20	ENGLISH	Clinical and radiographic anatomy Dr. M. Bahçelioğlu	Free Study Time	GELİŞİM SINAVI	Free Study Time
14:30 – 15:20		Clinical and radiographic anatomy Dr. M. Bahçelioğlu	Free Study Time		Free Study Time
15:30 – 16:20	ELECTIVE COURSES	Free Study Time	Free Study Time		Free Study Time
16:30 – 17:20		Free Study Time	16:30-17:20 Turkish Language		Free Study Time
17:30 – 18:10				18:00 - 18:50 Ataturk's Principles and History of His Revolutions	

8. Hafta	12.05.2025 MONDAY	13.05.2025 TUESDAY	14.05.2025 WEDNESDAY	15.05.2025 THURSDAY	16.05.2025 FRIDAY	
08:30 – 09:20	Anatomy Lab. 11	TISSUE BIOLOGY COMMITTEE - 2  Applied Exams	TISSUE BIOLOGY COMMITTEE - 2  Applied Exams	TISSUE BIOLOGY COMMITTEE - 2  Applied Exams	TISSUE BIOLOGY COMMITTEE - 2  THEORETICAL EXAMS	
09:30 – 10:20						
10:30 – 11:20						
11:30 – 12:20						
13:30 – 14:20	ENGLISH	TISSUE BIOLOGY COMMITTEE - 2  Applied Exams	TISSUE BIOLOGY COMMITTEE - 2  Applied Exams	TISSUE BIOLOGY COMMITTEE - 2  Applied Exams	Free Study Time	
14:30 – 15:20						
15:30 – 16:20	ELECTIVE COURSES		16:30-17:20 Turkish Language			18:00 – 18:50 Ataturk's Principles and History of His Revolutions
16:30 – 17:20						
17:30 – 18:10						