

**GAZİ UNIVERSITY MEDICAL FACULTY
PHASE I – TISSUE BIOLOGY COMMITTEE II
(15 APRIL 2024 – 06 JUNE 2024)**

COURSES	THEORETICAL	LABORATORY	PRACTICAL	TOTAL
ANATOMY	36	11x1	-	47
HISTOLOGY AND EMBRYOLOGY	25	4x2	-	33
PHYSIOLOGY	21	2x2	-	25
MEDICAL BIOCHEMISTRY	6	-	-	6
PSYCHIATRY	7	-	-	7
TOTAL	95	23		118
ELECTIVE COURSE	12	-	-	12
SOCIAL RESPONSIBILITY PROJECTS	8	-	-	8
Exam evaluation and coordination feedback meeting	1	-	-	1
TOTAL	116	23	-	139
FREE STUDY TIME	149			

Total 36 work days.

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

OBLIGATORY COURSES

Turkish Language	12
Atatürk's Principles and History of His Revolutions	12
English	12

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.

04.06.2024	Tuesday	Applied Exam	08.30 – 17.20
05.06.2024	Wednesday	Applied Exam	08.30 – 17.20
06.06.2024	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. Akif Muhtar ÖZTÜRK
Assistant Head Coordinator	Prof. Dr. Akif Muhtar ÖZTÜRK
Phase I Coordinator	Dr. Öğr. Üyesi Meltem SEVGİLİ
Assistant Phase I Coordinator	Dr. Öğr. Üyesi Melek YAMAN
Assistant Phase I Coordinator	Dr. Öğr. Üyesi Kerem ATALAR
Assistant Phase I Coordinator	Dr. Öğr. Üyesi Duygu DAYANIR
Assistant Phase I Coordinator	Dr. Öğr. Üyesi Sultan Pınar ÇETİNTEPE

MEMBERS OF COMMITTEE

ANATOMY	HISTOLOGY AND EMBRYOLOGY	PHYSIOLOGY
Dr. Meltem BAHÇELİOĞLU	Dr. Çiğdem ELMAS	Dr. A. Meltem SEVGİLİ
Dr. Kerem ATALAR	Dr. Zeynep YIĞMAN	
ANATOMY LAB.	HISTOLOGY AND EMBRYOLOGY LAB.	PHYSIOLOGY LAB.
Dr. Meltem BAHÇELİOĞLU	Dr. Çiğdem ELMAS	Dr. A. Meltem SEVGİLİ
Dr. Kerem ATALAR	Dr. Zeynep YIĞMAN	Dr. Pelin TÜRKKAN
		Dr. Burak KAYABAŞI
MEDICAL BIOCHEMISTRY	PSYCHIATRY	
Dr. Neslihan BUKAN	Dr. Aslı KURUOĞLU	
Dr. Aylin SEPİCİ DİNÇEL	Dr. Behçet COŞAR	
Dr. Cengiz KARAKAYA	Dr. İrem EKMEKÇİ ERTEK	
Dr. Kübranur ÜNAL	Dr. Melike KÜÇÜKKARAPINAR	

SOCIAL RESPONSIBILITY PROJECTS COORDINATOR	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	15.04.2023 MONDAY	16.04.2023 TUESDAY	17.04.2023 WEDNESDAY	18.04.2023 THURSDAY	19.04.2023 FRIDAY
08:30 – 09:20	Free Study Time	Muscle Dr. Z. Yiğman	Free Study Time	Free Study Time	Physiology of peripheral nervous system Dr. A. M. Sevgili
09:30 – 10:20	Connective tissue biochemistry Dr. N. Bukan	Muscle Dr. Z. Yiğman	Free Study Time	Nervous Tissue Dr. Z. Yiğman	Physiology of peripheral nervous system Dr. A. M. Sevgili
10:30 – 11:20	Connective tissue biochemistry Dr. N. Bukan	General Embryology Dr. Ç. Elmas	Free Study Time	General Embryology Dr. Ç. Elmas	General Embryology Dr. Ç. Elmas
11:30 – 12:20	Biochemistry of endothelium tissue Dr. C. Karakaya	General Embryology Dr. Ç. Elmas	Free Study Time	General Embryology Dr. Ç. Elmas	General Embryology Dr. Ç. Elmas
13:30 – 14:20	ENGLISH	Introduction to muscles Dr. K. Atalar	Superficial structures of the neck Dr. M. Bahçelioğlu	Deep structures of the neck Dr. M. Bahçelioğlu	Nervous Tissue Dr. Z. Yiğman
14:30 – 15:20		Spinal cord and spinal nerves Dr. K. Atalar	Superficial structures of the neck Dr. M. Bahçelioğlu	Deep structures of the neck Dr. M. Bahçelioğlu	Nervous Tissue Dr. Z. Yiğman
15:30 – 16:20	ELECTIVE COURSES	Free Study Time	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	Free Study Time
		18:00 – 18:50 Ataturk's Principles and History of His Revolutions			

2. Hafta	22.04.2023 MONDAY	23.04.2023 TUESDAY	24.04.2023 WEDNESDAY	25.04.2023 THURSDAY	26.04.2023 FRIDAY
08:30 – 09:20	Conduction properties of peripheral nervous system Dr. A. M. Sevgili	23 NİSAN ULUSAL EGEMENLİK VE ÇOCUK BAYRAMI	Histology Lab. Muscle Tissue	Free Study Time	Free Study Time
09:30 – 10:20	Muscles of facial expression and mastication Dr. M. Bahçelioğlu			Free Study Time	Free Study Time
10:30 – 11:20	General Embryology Dr. Ç. Elmas			Free Study Time	Free Study Time
11:30 – 12:20	General Embryology Dr. Ç. Elmas			Free Study Time	Free Study Time
13:30 – 14:20	ENGLISH	23 NİSAN	Superficial muscles of the neck and back Dr. K. Atalar	Free Study Time	Synapses and types of synapses Dr. A. M. Sevgili
14:30 – 15:20		ULUSAL EGEMENLİK	Deep muscles of the neck and back Dr. K. Atalar	Free Study Time	Pectoral region and the breast Dr. K. Atalar
15:30 – 16:20	ELECTIVE COURSES	VE ÇOCUK BAYRAMI	Free Study Time	Free Study Time	Axiopendicular and scapulohumeral muscles Dr. K. Atalar
16:30 – 17:20			16:30-17:20 Turkish Language	Free Study Time	Free Study Time

3. Hafta	29.04.2023 MONDAY	30.04.2023 TUESDAY	01.05.2023 WEDNESDAY	02.05.2023 THURSDAY	03.05.2023 FRIDAY
08:30 – 09:20	Free Study Time	Free Study Time	1 MAYIS EMEK VE DAYANIŞMA GÜNÜ	Anatomy Lab. 2	Properties of synaptic conduction Dr. A. M. Sevgili
09:30 – 10:20	Axilla Dr. M. Bahçelioğlu	Free Study Time			Properties of synaptic conduction Dr. A. M. Sevgili
10:30 – 11:20	Brachial plexus Dr. M. Bahçelioğlu	Turkish Language Mid-term Exam			General Embryology Dr. Ç. Elmas
11:30 – 12:20	Brachial plexus Dr. M. Bahçelioğlu				General Embryology Dr. Ç. Elmas
13:30 – 14:20	ENGLISH Mid-term Exam	Anatomy Lab. 1	1 MAYIS EMEK VE DAYANIŞMA GÜNÜ	Free Study Time	Ataturk's Principles and History of His Revolutions
14:30 – 15:20				Free Study Time	Mid-term Exam
15:30 – 16:20	Elective courses Mid-term Exams			Free Study Time	Free Study Time
16:30 – 17:20				Free Study Time	Free Study Time

4. Hafta	06.05.2023 MONDAY	07.05.2023 TUESDAY	08.05.2023 WEDNESDAY	09.05.2023 THURSDAY	10.05.2023 FRIDAY
08:30 – 09:20	Synaptic integration Dr. A. M. Sevgili	Histology Lab. Nervous Tissue	Anatomy Lab. 3	GELİŞİM SINAVI Free Study Time	Free Study Time
09:30 – 10:20	Synaptic integration Dr. A. M. Sevgili				Palm of the hand Dr. M. Bahçelioğlu
10:30 – 11:20	Clinical anatomy Dr. M. Bahçelioğlu				Sensorial receptors Dr. A. M. Sevgili
11:30 – 12:20	Clinical anatomy Dr. M. Bahçelioğlu				Sensorial receptors Dr. A. M. Sevgili
13:30 – 14:20	General Embryology Dr. Ç. Elmas	Anterior and posterior compartment of the arm Dr. M. Bahçelioğlu	Anatomy Lab. 4	Anterior compartment of the forearm Dr. M. Bahçelioğlu	General Embryology Dr. Ç. Elmas
14:30 – 15:20	General Embryology Dr. Ç. Elmas	General Embryology Dr. Ç. Elmas		Anterior compartment of the forearm Dr. M. Bahçelioğlu	General Embryology Dr. Ç. Elmas
15:30 – 16:20	Free Study Time	General Embryology Dr. Ç. Elmas		General Embryology Dr. Ç. Elmas	Free Study Time
16:30 – 17:20	Free Study Time	Free Study Time		General Embryology Dr. Ç. Elmas	Free Study Time

5. Hafta	13.05.2023 MONDAY	14.05.2023 TUESDAY	15.05.2023 WEDNESDAY	16.05.2023 THURSDAY	17.05.2023 FRIDAY
08:30 – 09:20	Autonomic nervous system Dr. A. M. Sevgili	Anatomy Lab. 5	Free Study Time	Mechanical properties of skeletal muscle Dr. A. M. Sevgili	Histology Lab. Skin
09:30 – 10:20	Autonomic nervous system Dr. A. M. Sevgili		Clinical anatomy Dr. M. Bahçelioğlu	Mechanical properties of skeletal muscle Dr. A. M. Sevgili	
10:30 – 11:20	Posterior compartment of the forearm and dorsum of the hand Dr. M. Bahçelioğlu		Clinical anatomy Dr. M. Bahçelioğlu	Integument Dr. Z. Yiğman	
11:30 – 12:20	Posterior compartment of the forearm and dorsum of the hand Dr. M. Bahçelioğlu		Neuromuscular junction Dr. A. M. Sevgili	Integument Dr. Z. Yiğman	
13:30 – 14:20	ENGLISH	Anatomy Lab. 6	Skeletal muscle and contraction theories Dr. A. M. Sevgili	Lumbosacral plexus Dr. K. Atalar	Mechanical properties of skeletal muscle Dr. A. M. Sevgili
14:30 – 15:20			Skeletal muscle and contraction theories Dr. A. M. Sevgili	Lumbosacral plexus Dr. K. Atalar	Mechanical properties of skeletal muscle Dr. A. M. Sevgili
15:30 – 16:20	ELECTIVE COURSES		Free Study Time	Free Study Time	Free Study Time
16:30 – 17:20			16:30-17:20 Turkish Language	Free Study Time	Free Study Time
		18:00 – 18:50 Ataturk's Principles and History of His Revolutions			

6. Hafta	20.05.2023 MONDAY	21.05.2023 TUESDAY	22.05.2023 WEDNESDAY	23.05.2023 THURSDAY	24.05.2023 FRIDAY
08:30 – 09:20	Anteromedial compartment of the thigh Dr. K. Atalar	Anatomy Lab. 7	Gluteal region Dr. K. Atalar	ÖĞRENCİ SEMPOZYUMU	Psychosexual and psychosocial development Dr. A. Kuruoğlu
09:30 – 10:20	Anteromedial compartment of the thigh Dr. K. Atalar		Posterior compartment of the thigh Dr. K. Atalar		Psychosexual and psychosocial development Dr. A. Kuruoğlu
10:30 – 11:20	Muscle tissue biochemistry Dr. A. Sepici Dinçel		Physiology of smooth muscle Dr. A. M. Sevgili		Anatomy of the foot Dr. K. Atalar
11:30 – 12:20	Muscle tissue biochemistry Dr. A. Sepici Dinçel		Physiology of smooth muscle Dr. A. M. Sevgili		Anatomy of the foot Dr. K. Atalar
13:30 – 14:20	ENGLISH	Anatomy Lab. 8 Group A Histology Lab. Make-Up Group B	Psychiatric History Dr. B. Çoşar	Anterolateral compartment of the leg Dr. K. Atalar	Nerve tissue biochemistry Dr. K. Ünal
14:30 – 15:20			Free Study Time	Posterior compartment of the leg Dr. K. Atalar	Free Study Time
15:30 – 16:20	ELECTIVE COURSES	Anatomy Lab. 8 Group B Histology Lab. Make-Up Group A	Free Study Time	Free Study Time	Free Study Time
16:30 – 17:20			16:30-17:20 Turkish Language	Free Study Time	Free Study Time
17:30 – 18:10		18:00 – 18:50 Ataturk's Principles and History of His Revolutions			

7. Hafta	27.05.2023 MONDAY	28.05.2023 TUESDAY	29.05.2023 WEDNESDAY	30.05.2023 THURSDAY	31.05.2023 FRIDAY
08:30 – 09:20	Personality and defence mechanisms Dr. İ. Ertek Ekmekçi	Anatomy Lab. 9	Anatomy Lab. 11	Physiology Lab. Skeletal Muscle	Physiology Lab. Smooth Muscle
09:30 – 10:20	Personality and defence mechanisms Dr. İ. Ertek Ekmekçi				
10:30 – 11:20	Clinical and radiographic anatomy Dr. M. Bahçelioğlu				
11:30 – 12:20	Clinical and radiographic anatomy Dr. M. Bahçelioğlu				
13:30 – 14:20	ENGLISH	Anatomy Lab. 10	Mind and Brain Dr. M. Küçükrapınar	Physiology Lab. Skeletal Muscle	Physiology Lab. Smooth Muscle
14:30 – 15:20			Mind and Brain Dr. M. Küçükrapınar		
15:30 – 16:20	ELECTIVE COURSES		Free Study Time		
16:30 – 17:20			16:30-17:20 Turkish Language		
17:30 – 18:10		18:00 – 18:50 Ataturk's Principles and History of His Revolutions			

8. Hafta	03.06.2023 MONDAY	04.06.2023 TUESDAY	05.06.2023 WEDNESDAY	06.06.2023 THURSDAY	07.06.2023 FRIDAY
08:30 – 09:20	Free Study Time	TISSUE BIOLOGY COMMITTEE - 2 Applied Exams	TISSUE BIOLOGY COMMITTEE - 2 Applied Exams	TISSUE BIOLOGY COMMITTEE - 2 Theoretical Exams	Free Study Time
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	Free Study Time	Free Study Time
14:30 – 15:20					
15:30 – 16:20	ELECTIVE COURSES		16:30-17:20 Turkish Language		
16:30 – 17:20					
17:30 – 18:10		18:00 – 18:50 Ataturk's Principles and History of His Revolutions			