

# GAZİ UNIVERSITY MEDICAL FACULTY

## PHASE I

### TISSUE BIOLOGY COMMITTEE II

(APRIL 12 2022 – JUNE 17 2022)

COURSES	THEORETICAL	PRACTICAL	TOTAL
ANATOMY	36	22X2	58
HISTOLOGY AND EMBRYOLOGY	25	8X2	33
PHYSIOLOGY	21	10X2	31
MEDICAL BIOCHEMISTRY	6	-	6
PSYCHIATRY	7	-	7
<b>TOTAL</b>	95	40	135
<b>ELECTIVE COURSE</b>	18	-	18
<b>TOTAL</b>	113	40	153

### OBLIGATORY COURSES

Turkish Language	18
Ataturk's Principles and History of His Revolutions	16
Medical English	18

\* Community Based Medical Education (CBME) trainings will be performed with the academic advisors parallel to the ongoing program as one hour per week.

Dean	Prof. Dr. Mustafa Necmi İLHAN
Vice Dean	Prof. Dr. İlyas OKUR
Vice Dean	Prof. Dr. Özlem GÜZEL TUNÇCAN
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>Assoc. Prof. Dr. Atiye Seda YAR SAĞLAM</b>
<b>Assistant Phase I Coordinator</b>	<b>Asst. Prof. Dr. Ayşe Meltem SEVGİLİ</b>
<b>Assistant Phase I Coordinator</b>	<b>Asst. Prof. Dr. Kerem ATALAR</b>
<b>Assistant Phase I Coordinator</b>	<b>Asst. Prof. Dr. Duygu DAYANIR</b>
<b>Assistant Phase I Coordinator</b>	<b>Teach. Assist. Dr. Melek YAMAN</b>

### MEMBERS OF COMMITTEE

ANATOMY	HISTOLOGY AND EMBRYOLOGY	PHYSIOLOGY	PSYCHIATRY	MEDICAL BIOCHEMISTRY
Dr. Meltem BAHÇELİOĞLU	Dr. Çiğdem ELMAS	Dr. Meltem SEVGILI	Dr. Behçet COŞAR	Dr. Neslihan BUKAN
Dr. Kerem ATALAR	Dr. Zeynep YIĞMAN		Dr. Aslı KURUOĞLU	Dr. Aylin SEPİCİ DİNÇEL
Dr. Ece ALİM			Dr. Selçuk ASLAN	Dr. Cengiz KARAKAYA
			İ. Ertek EKMEKÇİ	Dr. Kübranur ÜNAL
<b>ANATOMY LABORATORY</b>				
Dr. Meltem BAHÇELİOĞLU	Dr. Kerem ATALAR	Dr. Ece ALİM		
<b>HISTOLOGY AND EMBRYOLOGY LABORATORY</b>				
Dr. Çiğdem ELMAS	Dr. Gülnur TAKE KAPLANOĞLU	Dr. Zeynep YIĞMAN	Dr. Duygu DAYANIR	Dr. Esra ÖZKOÇER
<b>PHYSIOLOGY LABORATORY</b>				
Dr. Meltem SEVGILI	Dr. Pelin TÜRKKAN	Dr. Hilal KORKMAZ		

<b>CLINICAL SKILLS EDUCATION COORDINATOR</b>	Prof. Dr. Melda AYBAR TÜRKÖĞLU
<b>ELECTIVE COURSE COORDINATOR</b>	Assoc. Prof. Dr. Ergin DİLEKÖZ

### **Aim:**

At the end of 42 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:**

#### **Knowledge:**

ÖH-100-05-01 To understand the general information about the muscles in our body and be able to say the muscles, their places, types and functions

ÖH-100-05-02 To classify the spinal cord and spinal nerves, to be able to tell the branches of the plexus and the muscles they innervate

ÖH-100-05-03 To be able to evaluate the relationship between anatomical information and clinical conditions

ÖH-100-05-04 To be able to define biochemical properties of nerve, epithelium, muscle and connective tissue, to explain related diseases

ÖH-100-05-05 To be able to explain the mechanism of muscle contraction and energy sources

ÖH-100-05-06 To be able to categorize muscles, types, organisms, structural and contractile properties

ÖH-100-05-07 To be able to define the importance of calcium-muscle interaction, stimulation response and calcium

ÖH-100-05-08 To be able to define neurotransmitters and their receptors, to be able to tell the synthesis and destruction pathways

ÖH-100-05-09 To be able to explain neuron types, glial cells, synapse types, nerve-muscle junction, functional unit of nervous system

ÖH-100-05-10 To be able to define sensory organs and sensory receptors, to explain electrical and chemical events in receptors

ÖH-100-05-11 To be able to tell the cells, components and types of muscle and nerve tissue, which features the germ leaf develops

ÖH-100-05-12 Describe the dermis, epidermis cells together with their properties

ÖH-100-05-13 To be able to define the stages of human embryo development

ÖH-100-05-14 To be able to explain the basic concepts of psychiatry, to explain the functioning of the mind

#### **Skills:**

ÖH-100-05-15 To be able to show the muscles in the body and to distinguish the muscles and nerves of these muscles

ÖH-100-05-16 Keeping the experimental animal properly and be able to prepare the preparation of nerve muscle junction in frog

ÖH-100-05-17 To be able to examine tissues under microscope

#### **Attitude:**

ÖH-100-05-18 Be aware of group work and cooperation in practical applications

ÖH-100-05-19 Be aware of the need to comply with ethical rules when working with experimental animals

ÖH-100-05-20 To be able to understand the importance of mental health in health concept

	11.04.2022 MONDAY	12.04.2022 TUESDAY	13.04.2022 WEDNESDAY	14.04.2022 THURSDAY	15.04.2022 FRIDAY
08:30-09:15	<b>PHASE I</b> <b>4th</b> <b>COMMITTEE</b> <b>THEORETICAL</b> <b>EXAM</b> <b>Time:09:30</b>	<b>Questions Analysis</b> <b>of 4<sup>th</sup> Committee</b> <b>Exam and Feedback</b>	<b>Psychiatric hystory</b> <b>Dr. B. Coşar</b>	<b>Psychosexual and</b> <b>psychosocial</b> <b>development</b> <b>Dr. A. Kuruoğlu</b>	<b>PHASE II</b> <b>THEORETICAL</b> <b>EXAMINATION</b>
09:30-10:15		<b>General embryology</b> <b>Dr. Ç. Elmas</b>	<b>General</b> <b>embryology</b> <b>Dr. Ç. Elmas</b>	<b>Psychosexual and</b> <b>psychosocial</b> <b>development</b> <b>Dr. A. Kuruoğlu</b>	
10:30-11:15		<b>General embryology</b> <b>Dr. Ç. Elmas</b>	<b>General</b> <b>embryology</b> <b>Dr. Ç. Elmas</b>	<b>Muscle</b> <b>Dr. Zeynep</b> <b>Yiğman</b>	
11:30-12:15		<b>General embryology</b> <b>Dr. Ç. Elmas</b>	<b>General</b> <b>embryology</b> <b>Dr. Ç. Elmas</b>	<b>Muscle</b> <b>Dr. Zeynep</b> <b>Yiğman</b>	
13:30-14:15	FREE TIME	<b>Biochemistry of</b> <b>endothelium tissue</b> <b>Dr. C. Karakaya</b>	<b>PHASE II</b> <b>PRACTICAL</b> <b>EXAMINATION</b>	<b>First Year</b> <b>Coordinator's</b> <b>Feedback</b> <b>Meeting</b>	<b>General embryology</b> <b>Dr. Ç. Elmas</b>
14:30-15:15	FREE TIME	<b>Connective tissue</b> <b>biochemistry</b> <b>Dr. N. Bukan</b>		FREE TIME	<b>General embryology</b> <b>Dr. Ç. Elmas</b>
15:30-16:15	FREE TIME	<b>Connective tissue</b> <b>biochemistry</b> <b>Dr. N. Bukan</b>		FREE TIME	<b>Introduction to</b> <b>muscles</b> <b>Dr. Ece Alim</b>
16:30-17:15	<b>ELECTIVE</b> <b>COURSE</b> <b>(Online)</b>	FREE TIME		<b>5i - ATATURK'S</b> <b>PRINCIPLES</b> <b>AND HISTORY</b> <b>OF TURKISH</b> <b>REVOLUTION</b> <b>(Online)</b>	
17:30-18:15	<b>5i - TURKISH</b> <b>LANGUAGE</b> <b>(Online)</b>	FREE TIME	FREE TIME	<b>MEDICAL</b> <b>ENGLISH</b> <b>(Online)</b>	FREE TIME

	18.04.2022 MONDAY	19.04.2022 TUESDAY	20.04.2022 WEDNESDAY	21.04.2022 THURSDAY	22.04.2022 FRIDAY
08:30-09:15	CSE compensation lesson	Superficial structures of the neck Dr. Ece Alim	Physiology of peripheral nervous system Dr. M. Sevgili	App. course Anatomy 2 (Face to face)	FREE TIME
09:30-10:15		Superficial structures of the neck Dr. Ece Alim	Physiology of peripheral nervous system Dr. M. Sevgili	App. course Anatomy 2 (Face to face)	İngilizce dersi ara sınavı
10:30-11:15		General embryology Dr. Ç. Elmas	Deep structures of the neck Dr. Ece Alim	App. course Anatomy 2 (Face to face)	İngilizce dersi ara sınavı
11:30-12:15		General embryology Dr. Ç. Elmas	Deep structures of the neck Dr. Ece Alim	App. course Anatomy 2 (Face to face)	FREE TIME
13:30-14:15	General embryology Dr. Ç. Elmas	App. course Anatomy 1 (face to face)	General embryology Dr. Ç. Elmas	Muscles of facial expression and mastication Dr. Ece Alim	FREE TIME
14:30-15:15	Spinal cord and spinal nerves Dr. Kerem Atalar	App. course Anatomy 1 (face to face)	General embryology Dr. Ç. Elmas	Superficial muscles of the neck and back Dr. Kerem Atalar	FREE TIME
15:30-16:15	FREE TIME	App. course Anatomy 1 (face to face)	Türk Dili dersi ara sınavı	Atatürk İlkeleri ve İnkılap Tarihi dersi ara sınavı	FREE TIME
16:30-17:15	ELECTIVE COURSE (Online)	App. course Anatomy 1 (face to face)	FREE TIME	Deep muscles of the neck and back Dr. Kerem Atalar	FREE TIME
17:30-18:15	5i -TURKISH LANGUAGE (Online)	FREE TIME	FREE TIME	MEDICAL ENGLISH (Online)	FREE TIME

	25.04.2022 MONDAY	26.04.2022 TUESDAY	27.04.2022 WEDNESDAY	28.04.2022 THURSDAY	29.04.2022 FRIDAY
08:30-09:15	<b>PHASE III THEORETICAL EXAMINATION</b>  <b>CSE EXAMINATION</b>	Pectoral region and the breast Dr. Kerem Atalar	App. course Anatomy 4 (Face to face)	Mind and Brain Dr. S. Aslan	Skeleton muscle and contraction theories Dr. M. Sevgili
09:30-10:15		Axioappendicular and scapulohumeral muscles Dr. Kerem Atalar	App. course Anatomy 4 (Face to face)	Mind and Brain Dr. S. Aslan	Skeleton muscle and contraction theories Dr. M. Sevgili
10:30-11:15		Conduction properties of peripheral nervous system Dr. M. Sevgili	App. course Anatomy 4 (Face to face)	Mind and Brain Dr. S. Aslan	Clinical anatomy Dr. M. Bahçelioğlu
11:30-12:15		Synapses and types of synapses Dr. M. Sevgili	App. course Anatomy 4 (Face to face)	Cognitive and moral development Dr. İ. Ertek Ekmekçi	Clinical anatomy Dr. M. Bahçelioğlu
13:30-14:15	<b>CSE EXAMINATION</b>	App. course Anatomy 3 (Face to face)	Axilla Dr. M. Bahçelioğlu	Neuromuscular junction Dr. M. Sevgili	Muscle tissue biochemistry Dr. A. Sepici Dinçel
14:30-15:15		App. course Anatomy 3 (Face to face)	Brachial plexus Dr. M. Bahçelioğlu	FREE TIME	Muscle tissue biochemistry Dr. A. Sepici Dinçel
15:30-16:15		App. course Anatomy 3 (Face to face)	Brachial plexus Dr. M. Bahçelioğlu	FREE TIME	Nerve Tissue Biochemistry Dr. K. ÜNAL
16:30-17:15		App. course Anatomy 3 (Face to face)	FREE TIME	5i - ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION (Online)	FREE TIME
17:30-18:15	5i - TURKISH LANGUAGE (Online)	FREE TIME	FREE TIME	MEDICAL ENGLISH (Online)	FREE TIME

	02.05.2022 MONDAY	03.05.2022 TUESDAY	04.05.2022 WEDNESDAY	05.05.2022 THURSDAY	06.05.2022 FRIDAY
08:30-09:15	RAMAZAN BAYRAMI	RAMAZAN BAYRAMI	RAMAZAN BAYRAMI	FREE TIME	FREE TIME
09:30-10:15				FREE TIME	FREE TIME
10:30-11:15				FREE TIME	FREE TIME
11:30-12:15				FREE TIME	FREE TIME
13:30-14:15				FREE TIME	FREE TIME
14:30-15:15				FREE TIME	FREE TIME
15:30-16:15				FREE TIME	FREE TIME
16:30-17:15				5i - ATATURK'S PRINCIPLES AND HISTORY OFTURKISH REVOLUTION (Online)	FREE TIME
17:30-18:15				MEDICAL ENGLISH (Online)	FREE TIME

	09.05.2022 MONDAY	10.05.2022 TUESDAY	11.05.2022 WEDNESDAY	12.05.2022 THURSDAY	13.05.2022 FRIDAY
08:30-09:15	FREE TIME	Mechanical properties of skeletal muscles Dr. M. Sevgili	FREE TIME	Lumbosacral plexus Dr. Kerem Atalar	FREE TIME
09:30-10:15	Anterior and posterior compartment of the arm Dr. M. Bahçelioğlu	Mechanical properties of skeletal muscles Dr. M. Sevgili	Palm of the hand Dr. M. Bahçelioğlu	Lumbosacral plexus Dr. Kerem Atalar	FREE TIME
10:30-11:15	Mechanical properties of skeletal muscles Dr. M. Sevgili	General embryology Dr. Ç. Elmas	Posterior compartment of the forearm and dorsum of the hand Dr. M. Bahçelioğlu	Synaptic integration Dr. M. Sevgili	Anteromedial compartment of the thigh Dr. Kerem Atalar
11:30-12:15	Mechanical properties of skeletal muscles Dr. M. Sevgili	General embryology Dr. Ç. Elmas	Posterior compartment of the forearm and dorsum of the hand Dr. M. Bahçelioğlu	Synaptic integration Dr. M. Sevgili	Anteromedial compartment of the thigh Dr. Kerem Atalar
13:30-14:15	General embryology Dr. Ç. Elmas	Anterior compartment of the forearm Dr. M. Bahçelioğlu	General embryology Dr. Ç. Elmas	FREE TIME	DEVELOPMENT EXAM
14:30-15:15	FREE TIME	Anterior compartment of the forearm Dr. M. Bahçelioğlu	General embryology Dr. Ç. Elmas	FREE TIME	
15:30-16:15	FREE TIME	FREE TIME	Properties of synaptic conduction Dr. M. Sevgili	FREE TIME	
16:30-17:15	ELECTIVE COURSE (Online)	FREE TIME	Properties of synaptic conduction Dr. M. Sevgili	5i - ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION (Online)	
17:30-18:15	5i - TURKISH LANGUAGE (Online)	FREE TIME	FREE TIME	MEDICAL ENGLISH (Online)	FREE TIME



	16.05.2022 MONDAY	17.05.2022 TUESDAY	18.05.2022 WEDNESDAY	19.05.2022 THURSDAY	20.05.2022 FRIDAY
08:30-09:15	App. course Anatomy 5 (Face to face)	App. course Anatomy 6 (Face to face)	FREE TIME	19 Mayıs Atatürk'ü Anma, Gençlik ve Spor Bayramı	FREE TIME
09:30-10:15	App. course Anatomy 5 (Face to face)	App. course Anatomy 6 (Face to face)	Nervous tissue Dr. Zeynep Yıgman		FREE TIME
10:30-11:15	App. course Anatomy 5 (Face to face)	App. course Anatomy 6 (Face to face)	Nervous tissue Dr. Zeynep Yıgman		FREE TIME
11:30-12:15	App. course Anatomy 5 (Face to face)	App. course Anatomy 6 (Face to face)	Nervous tissue Dr. Zeynep Yıgman		FREE TIME
13:30-14:15	FREE TIME	App. course Histology and Emb. 1 (online)	Gluteal region Dr. Kerem Atalar		FREE TIME
14:30-15:15	FREE TIME		Posterior compartment of the thigh Dr. Kerem Atalar		FREE TIME
15:30-16:15	FREE TIME		FREE TIME		FREE TIME
16:30-17:15	ELECTIVE COURSE (Online)		FREE TIME		FREE TIME
17:30-18:15	5i -TURKISH LANGUAGE (Online)	FREE TIME	FREE TIME	FREE TIME	FREE TIME

	23.05.2022 MONDAY	24.05.2022 TUESDAY	25.05.2022 WEDNESDAY	26.05.2022 THURSDAY	27.05.2022 FRIDAY
08:30-09:15	Anterolateral compartment of the leg Dr. Kerem Atalar	PHASE III THEORETICAL EXAMINATION  App. course Physiology 1 (online)	App. course Histology and Emb. 2 (online)	App. course Anatomy 8 (Face to face)	Integument Dr. Zeynep Yıgman
09:30-10:15	Posterior compartment of the leg Dr. Kerem Atalar			App. course Anatomy 8 (Face to face)	Integument Dr. Zeynep Yıgman
10:30-11:15	Sensorial receptors Dr. M. Sevgili			App. course Anatomy 8 (Face to face)	Clinical and radiographic anatomy Dr. M. Bahçelioğlu
11:30-12:15	Sensorial receptors Dr. M. Sevgili			App. course Anatomy 8 (Face to face)	Clinical and radiographic anatomy Dr. M. Bahçelioğlu
13:30-14:15	FREE TIME	Autonomic nervous system Dr. M. Sevgili	App. course Anatomy 7 (Face to face)	FREE TIME	App. course Physiology 2 (online)
14:30-15:15	FREE TIME	Autonomic nervous system Dr. M. Sevgili	App. course Anatomy 7 (Face to face)	FREE TIME	App. course Physiology 2 (online)
15:30-16:15	FREE TIME	Anatomy of the foot Dr. Kerem Atalar	App. course Anatomy 7 (Face to face)	FREE TIME	App. course Physiology 2 (online)
16:30-17:15	ELECTIVE COURSE (Online)	Anatomy of the foot Dr. Kerem Atalar	App. course Anatomy 7 (Face to face)	5i - ATATURK'S PRINCIPLES AND HISTORY OFTURKISH REVOLUTION (Online)	App. course Physiology 2 (online)
17:30-18:15	5i -TURKISH LANGUAGE (Online)	FREE TIME	FREE TIME	MEDICAL ENGLISH (Online)	FREE TIME

	30.05.2022 MONDAY	31.05.2022 TUESDAY	01.06.2022 WEDNESDAY	02.06.2022 THURSDAY	03.06.2022 FRIDAY
08:30-09:15	App. course Anatomy 9 (Face to face)	Physiology of smooth muscle Dr. M. Sevgili	PHASE II THEORETICAL EXAMINATION	App. course Histology and Emb. 3 (online)	App. course Physiology 4 (online)
09:30-10:15	App. course Anatomy 9 (Face to face)	Physiology of smooth muscle Dr. M. Sevgili		App. course Histology and Emb. 3 (online)	App. course Physiology 4 (online)
10:30-11:15	App. course Anatomy 9 (Face to face)	Clinical anatomy Dr. M. Bahçelioğlu		App. course Histology and Emb. 3 (online)	App. course Physiology 4 (online)
11:30-12:15	App. course Anatomy 9 (Face to face)	Clinical anatomy Dr. M. Bahçelioğlu		App. course Histology and Emb. 3 (online)	App. course Physiology 4 (online)
13:30-14:15	FREE TIME	FREE TIME	App. course Physiology 3 (online)	FREE TIME	FREE TIME
14:30-15:15	FREE TIME	FREE TIME	App. course Physiology 3 (online)	FREE TIME	FREE TIME
15:30-16:15	FREE TIME	FREE TIME	App. course Physiology 3 (online)	FREE TIME	FREE TIME
16:30-17:15	ELECTIVE COURSE (Online)	FREE TIME	App. course Physiology 3 (online)	5i - ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION (Online)	FREE TIME
17:30-18:15	5i - TURKISH LANGUAGE (Online)	FREE TIME	FREE TIME	MEDICAL ENGLISH (Online)	FREE TIME

	06.06.2022 PAZARTESİ	07.06.2022 SALI	08.06.2022 ÇARŞAMBA	09.06.2022 PERŞEMBE	10.06.2022 CUMA
08:30-09:15	App. course Physiology 5 (online)	App. course Histology and Emb. 4 (online)	App. course Anatomy 10 (Face to face)	PHASE III PRACTICAL EXAMINATION	PHASE III THEORETICAL EXAMINATION
09:30-10:15	App. course Physiology 5 (online)	App. course Histology and Emb. 4 (online)	App. course Anatomy 10 (Face to face)		
10:30-11:15	App. course Physiology 5 (online)	App. course Histology and Emb. 4 (online)	App. course Anatomy 10 (Face to face)		
11:30-12:15	App. course Physiology 5 (online)	App. course Histology and Emb. 4 (online)	App. course Anatomy 10 (Face to face)		
13:30-14:15	FREE TIME	FREE TIME	FREE TIME	FREE TIME	FREE TIME
14:30-15:15	FREE TIME	FREE TIME	FREE TIME	FREE TIME	FREE TIME
15:30-16:15	FREE TIME	FREE TIME	FREE TIME	FREE TIME	FREE TIME
16:30-17:15	ELECTIVE COURSE (Online)	FREE TIME	FREE TIME	5i - ATATURK'S PRINCIPLES AND HISTORY OFTURKISH REVOLUTION (Online)	FREE TIME
17:30- 18:15	5i -TURKISH LANGUAGE (Online)	FREE TIME	FREE TIME	MEDICAL ENGLISH (Online)	FREE TIME

	13.06.2022 PAZARTESİ	14.06.2022 SALI	15.06.2022 ÇARŞAMBA	16.06.2022 PERŞEMBE	17.06.2022 CUMA
08:30-09:15	App. course Anatomy 11 (Face to face)	<b>HISTOLOGY AND PHYSIOLOGY PRACTICAL EXAM</b>	<b>ANATOMY PRACTICAL EXAM (TURKISH GROUP)</b>	FREE TIME	<b>PHASE I THEORETICAL EXAMINATION</b>
09:30-10:15	App. course Anatomy 11 (Face to face)			<b>MEDICAL ENGLISH FINAL EXAM</b>	
10:30-11:15	App. course Anatomy 11 (Face to face)				
11:30-12:15	App. course Anatomy 11 (Face to face)			FREE TIME	
13:30-14:15	FREE TIME	<b>ANATOMY PRACTICAL EXAM (ENGLISH GROUP)</b>		FREE TIME	FREE TIME
14:30-15:15	FREE TIME		<b>5i-TURKISH LANGUAGE FINAL EXAM</b>	FREE TIME	<b>5i - ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION EXAM</b>
15:30-16:15	FREE TIME			FREE TIME	
16:30-17:15	FREE TIME		FREE TIME	FREE TIME	FREE TIME
17:30-18:15	FREE TIME		FREE TIME	FREE TIME	FREE TIME