

**GAZİ UNIVERSITY MEDICAL FACULTY  
PHASE I – TISSUE BIOLOGY COMMITTEE I**

**(14 FEBRUARY 2024 – 05 APRIL 2024)**

<b>COURSES</b>	<b>THEORETICAL</b>	<b>LABORATORY</b>	<b>PRACTICAL</b>	<b>TOTAL</b>
ANATOMY	28	10x1	-	38
HISTOLOGY AND EMBRYOLOGY	16	7x2	-	30
PHYSIOLOGY	12	2x2	-	16
<b>TOPLAM</b>	<b>56</b>	<b>28</b>		<b>84</b>
<b>INTRODUCTION TO CLINICAL PRACTICE</b>				
PROFESSIONALISM IN MEDICINE	2	-	-	2
CLINICAL SKILLS EDUCATION	-	-	1x2	2
PROBLEM BASED LEARNING	-	-	3x2	6
<b>ELECTIVE COURSE</b>	<b>10</b>	-	-	<b>10</b>
<b>SOCIAL RESPONSIBILITY PROJECTS</b>	<b>5</b>	-	-	<b>5</b>
Exam evaluation and coordination feedback meeting	1	-	-	1
<b>TOTAL</b>	<b>74</b>	<b>28</b>	<b>8</b>	<b>110</b>
<b>FREE STUDY TIME</b>	<b>184</b>			

**Total 38 work days.**

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

**OBLIGATORY COURSES**

Turkish Language	10
Atatürk's Principles and History of His Revolutions	10
English	10

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.

03.04.2024	Wednesday	Applied Exam	08.30 – 17.20
04.04.2024	Thursday	Applied Exam	08.30 – 17.20
05.04.2024	Friday	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
<b>Phase I Coordinator</b>	<b>Dr. Öğr. Üyesi Meltem SEVGİLİ</b>
<b>Assistant Phase I Coordinator</b>	<b>Dr. Öğr. Üyesi Melek YAMAN</b>
<b>Assistant Phase I Coordinator</b>	<b>Dr. Öğr. Üyesi Kerem ATALAR</b>
<b>Assistant Phase I Coordinator</b>	<b>Dr. Öğr. Üyesi Duygu DAYANIR</b>
<b>Assistant Phase I Coordinator</b>	<b>Dr. Öğr. Üyesi Sultan Pınar ÇETİNTEPE</b>

#### MEMBERS OF COMMITTEE

<b>ANATOMY</b>	<b>HISTOLOGY AND EMBRYOLOGY</b>	<b>PHYSIOLOGY</b>
Dr. Meltem BAHÇELİOĞLU	Dr. Zeynep YIĞMAN	Dr. Ayşe Meltem SEVGİLİ
Dr. Kerem ATALAR	Dr. Duygu DAYANIR	Dr. Pelin TÜRKKAN
<b>ANATOMY LAB.</b>	<b>HISTOLOGY AND EMBRYOLOGY LAB.</b>	<b>PHYSIOLOGY LAB.</b>
Dr. Meltem BAHÇELİOĞLU	Dr. Zeynep YIĞMAN	Dr. Ayşe Meltem SEVGİLİ
Dr. Kerem ATALAR	Dr. Duygu DAYANIR	Dr. Pelin TÜRKKAN
Dr. Ayşe SOYLU		Dr. Burak KAYABAŞI
<b>PROFESSIONALISM IN MEDICINE</b>		Dr. Sedef TUNAOĞLU

<b>CLINICAL SKILLS EDUCATION COORDINATOR</b>	Prof. Dr. Nurten İNAN
<b>PROBLEM BASED LEARNING COORDINATOR</b>	Prof. Dr. Deniz KARÇAALTINCABA
<b>ELECTIVE COURSE COORDINATOR</b>	Doç. Dr. Ergin DİLEKÖZ
<b>SOCIAL RESPONSIBILITY PROJECTS COORDINATOR</b>	Doç. Dr. Namık ÇENÇEN

## DOKU BİYOLOJİSİ – 1 DERS KURULU AMAÇ VE ÖĞRENİM HEDEFLERİ

1. Vücudumuzdaki kemikler ve eklemler hakkında genel bilgiyi kavrayarak, kemiklerin yerleri, tipleri ve işlevlerini söyleyebilme, klinik durumlarla ilişkisini değerlendirebilme
2. Örtü ve bez epitelinin, kırıkta ve kemik dokunun tiplerini, bileşenlerini, hangi germ yaprağından geliştiğini, özelliklerini söyleyebilme
3. Kemik dokunun organik ve inorganik matrisini tanımlayabilme
4. Membran ve hücrenin elektrik özelliklerini ve elektrik eşdeğer modellerini açıklayabilme
5. Biyolojik potansiyel farkın nedenini ve gerekliliğini değerlendirip, hücre potansiyelini farklı modellerle hesaplayıp, iyon akımlarının bulabilme
6. Sesin fiziksel özelliklerini ve ultrases oluşumunu, piezoelektrik olayının ultrases oluşumundaki önemini açıklayabilme
7. Ultrasonun tıpta kullanıldığı alanları ve amaçlarını söyleyebilme
8. Dokuda piezoelektrik yapılardan bahsedebilme, kemik elektrik akımı ile kemik kırıklarının iyileştirilmesinde invaziv ve non-invaziv teknikleri açıklayabilme
9. Vücuttaki sıvı bölmelerini ve içerik farklarını sayabilme
10. Hücre zarındaki taşıma mekanizmalarını sayabilme ve yorumlayabilme
11. Osmoz, ozmotik basıncın organizmadaki önemini açıklayabilme
12. Hücrelerin kimyasal habercilerle kontrolünde sinyal iletim yollarını söyleyebilme
13. Membran potansiyellerinin ve aksiyon potansiyelinin temel özelliklerini açıklayabilme
14. Cranium, cavitas cranii, neurocranium ve viscerocranium kemiklerini ayırt edebilme ve gösterebilme
15. Vücuttaki eklemlerin yerlerini ve bağlarını gösterebilme
16. Bilgiye ulaşabilme, kendi kendine öğrenebilme, analitik düşünebilme ve ekip olarak çalışabilme becerilerini uygulayabilme
17. Örtü ve bez epitelinin tiplerini mikroskopta ayırt edebilme
18. Laboratuvar malzemelerini kullanarak doğru ölçüm yapabilme
19. Kadavra kullanımının önemini, kadvraya ve dokulara zarar vermeyecek şekilde davranma sorumluluğunun farkına varabilme
20. Pratik uygulamalarda grup çalışmasının ve iş birliğinin önemini farkında olabilme

1. Week	12.02.2023 MONDAY	13.02.2023 TUESDAY	14.02.2023 WEDNESDAY	15.02.2023 THURSDAY	16.02.2023 FRIDAY
08:30 – 09:20			Free Study Time	Free Study Time	Free Study Time
09:30 – 10:20			Free Study Time	Free Study Time	Introduction of Physiology, milieu interiour, homeostasis Dr. A. M. Sevgili
10:30 – 11:20			Free Study Time	Overview of epithelial structure and surface epithelium Dr. D. Dayanır	Body fluid compartments and properties Dr. A. M. Sevgili
11:30 – 12:20			Free Study Time	Overview of epithelial structure and surface epithelium Dr. D. Dayanır	Overview of epithelial structure and surface epithelium Dr. D. Dayanır
13:30 – 14:20			Free Study Time	Anatomicomedical terminology Dr. M. Bahçelioğlu	Free Study Time
14:30 – 15:20			Introduction to human anatomy Dr. M. Bahçelioğlu	Anatomicomedical terminology Dr. M. Bahçelioğlu	Free Study Time
15:30 – 16:20			Complete Anatomy tanıtım oturumu	Free Study Time	Free Study Time
16:30 – 17:20				Free Study Time	Free Study Time

2. Week	19.02.2023 MONDAY	20.02.2023 TUESDAY	21.02.2023 WEDNESDAY	22.02.2023 THURSDAY	23.02.2023 FRIDAY
08:30 – 09:20	Free Study Time	Free Study Time	Free Study Time	Anatomy Lab. 1	CSE-5
09:30 – 10:20	Introduction and general knowledge about the bones Dr. K. Atalar	Free Study Time	Thoracic wall and vertebrae joints Dr. K. Atalar		
10:30 – 11:20	Introduction and general knowledge about the joints Dr. K. Atalar	Connective tissue Dr. Z. Yiğman	Neurocranium Dr. M. Bahçelioğlu		
11:30 – 12:20	Introduction and general knowledge about the joints Dr. K. Atalar	Connective tissue Dr. Z. Yiğman	Neurocranium Dr. M. Bahçelioğlu		
13:30 – 14:20	Glands epithelium Dr. Z. Yiğman	Vertebral columnne, thoracic wall skeletal framework: sternum, ribs Dr. K. Atalar	Signal transmission in the cell Dr. P. Türkkkan	Histology Lab. Surface epithelium - 1	Connective tissue Dr. Z. Yiğman
14:30 – 15:20	Glands epithelium Dr. Z. Yiğman	Vertebral columnne, thoracic wall skeletal framework: sternum, ribs Dr. K. Atalar	Signal transmission in the cell Dr. P. Türkkkan		Connective tissue Dr. Z. Yiğman
15:30 – 16:20	Free Study Time	Free Study Time	Free Study Time		Free Study Time
16:30 – 17:20	Free Study Time	Free Study Time	Free Study Time		Free Study Time

3. Week	26.02.2023 MONDAY	27.02.2023 TUESDAY	28.02.2023 WEDNESDAY	29.02.2023 THURSDAY	01.03.2023 FRIDAY
08:30 – 09:20	Free Study Time	Free Study Time	Anatomy Lab. 2	Free Study Time	CSE - Make-Up
09:30 – 10:20	Neurocranium Dr. M. Bahçelioğlu	Free Study Time		Free Study Time	
10:30 – 11:20	Neurocranium Dr. M. Bahçelioğlu	Viscerocranium Dr. M. Bahçelioğlu		Transport of substances through the capillaries Dr. P. Türkkan	
11:30 – 12:20	Molecular regulation of extracellular- cell communication Dr. D. Dayanır	Viscerocranium Dr. M. Bahçelioğlu		Transport of substances through the capillaries Dr. P. Türkkan	
13:30 – 14:20	Transport of substances through the cell membrane Dr. P. Türkkan	Sosyal Sorumluluk Projeleri dersi tanıtım (ANFİ DERSİ)	Cranium and various aspects, temporomandibular joint Dr. M. Bahçelioğlu	Histology Lab. Surface epithelium - 2	Anatomy Lab. 3
14:30 – 15:20	Transport of substances through the cell membrane Dr. P. Türkkan	Exam evaluation and coordination feedback meeting	Cranium and various aspects, temporomandibular joint Dr. M. Bahçelioğlu		
15:30 – 16:20	Free Study Time	Free Study Time	Free Study Time		
16:30 – 17:20	Free Study Time	Free Study Time	Free Study Time		

4. Week	04.03.2023 MONDAY	05.03.2023 TUESDAY	06.03.2023 WEDNESDAY	07.03.2023 THURSDAY	08.03.2023 FRIDAY
08:30 – 09:20	Physiology Lab. Substance transport through the erythrocyte cell membrane	Free Study Time	Physiology Lab. Osmotic fragility of erythrocytes	Histology Lab. Glands epithelium	Free Study Time
09:30 – 10:20		Free Study Time			Free Study Time
10:30 – 11:20		Clinical and radiological anatomy Dr. M. Bahçelioğlu			Bioelectrical potentials Dr. A. M. Sevgili
11:30 – 12:20		Clinical and radiological anatomy Dr. M. Bahçelioğlu			Bioelectrical potentials Dr. A. M. Sevgili
13:30 – 14:20	ENGLISH	Cartilage Dr. Z. Yiğman	Social Responsibility Projects course small group first session	Anatomy Lab. 4	PBL - 1
14:30 – 15:20		Cartilage Dr. Z. Yiğman	Free Study Time		
15:30 – 16:20	ELECTIVE COURSES	Free Study Time	Free Study Time		
16:30 – 17:20		Free Study Time	Turkish Language		
		18:00 – 18:50 Atatürk's Principles and History of His Revolutions			

5. Week	11.03.2023 MONDAY	12.03.2023 TUESDAY	13.03.2023 WEDNESDAY	14.03.2023 THURSDAY	15.03.2023 FRIDAY
08:30 – 09:20	Anatomy Lab. 5	Anatomy Lab. 6	Histology Lab. Connective tissue	Free Study Time	Anatomy Lab. 7
09:30 – 10:20				Free Study Time	
10:30 – 11:20				Bone Dr. Z. Yiğman	
11:30 – 12:20				Bone Dr. Z. Yiğman	
13:30 – 14:20	ENGLISH	Bioelectrical potentials Dr. A. M. Sevgili	Upper limb bones Dr. K. Atalar	Bony pelvis Dr. K. Atalar	PBL - 2
14:30 – 15:20		Bioelectrical potentials Dr. A. M. Sevgili	Upper limb joint Dr. K. Atalar	Lower limb bones Dr. K. Atalar	
15:30 – 16:20	ELECTIVE COURSES	Bones of the shoulder girdle Dr. K. Atalar	Free Study Time	Free Study Time	
16:30 – 17:20		Free Study Time	Turkish Language	Free Study Time	
		18:00 – 18:50 Atatürk's Principles and History of His Revolutions			



6. Week	18.03.2023 MONDAY	19.03.2023 TUESDAY	20.03.2023 WEDNESDAY	21.03.2023 THURSDAY	22.03.2023 FRIDAY
08:30 – 09:20	Free Study Time	Histology Lab. Cartilage tissue	Free Study Time	Free Study Time	Histology Lab. Bone
09:30 – 10:20	Free Study Time		Free Study Time	Free Study Time	
10:30 – 11:20	Osteogenesis Dr. Z. Yiğman		Free Study Time	Lower limb joint Dr. K. Atalar	
11:30 – 12:20	Articulation Dr. Z. Yiğman		Free Study Time	Lower limb joint Dr. K. Atalar	
13:30 – 14:20	ENGLISH	Anatomy Lab. 8	Free Study Time	Free Study Time	PBL - 3
14:30 – 15:20			Free Study Time	Free Study Time	
15:30 – 16:20	ELECTIVE COURSES		Free Study Time	Free Study Time	
16:30 – 17:20			Turkish Language	Free Study Time	
		18:00 – 18:50 Atatürk's Principles and History of His Revolutions			

7. Week	25.03.2023 MONDAY	26.03.2023 TUESDAY	27.03.2023 WEDNESDAY	28.03.2023 THURSDAY	29.03.2023 FRIDAY
08:30 – 09:20	Free Study Time	Free Study Time	Free Study Time	Anatomy Lab. 10 Group A	CSE Exam
09:30 – 10:20	Free Study Time	Free Study Time	Free Study Time	Histology Lab. Make-up Group B	
10:30 – 11:20	Clinical and radiological anatomy Dr. M. Bahçelioğlu	Free Study Time	Free Study Time	Anatomy Lab. 10 Group B	
11:30 – 12:20	Clinical and radiological anatomy Dr. M. Bahçelioğlu	Professionalism in Medicine Dr. S. Tunaoğlu	Free Study Time	Histology Lab. Make-up Group A	
13:30 – 14:20	ENGLISH	Anatomy Lab. 9	Free Study Time	Professionalism in Medicine Dr. S. Tunaoğlu	CSE Exam
14:30 – 15:20			Free Study Time	Free Study Time	
15:30 – 16:20	ELECTIVE COURSES		Free Study Time	Free Study Time	
16:30 – 17:20			Turkish Language	Free Study Time	
		18:00 – 18:50 Atatürk's Principles and History of His Revolutions			

8. Week	01.04.2023 MONDAY	02.04.2023 TUESDAY	03.04.2023 WEDNESDAY	04.04.2023 THURSDAY	05.04.2023 FRIDAY
08:30 – 09:20	Free Study Time	Free Study Time	TISSUE BIOLOGY COMMITTEE I  Applied Exams	TISSUE BIOLOGY COMMITTEE I  Applied Exams	TISSUE BIOLOGY COMMITTEE I  Theoretical Exam
09:30 – 10:20	Free Study Time	Free Study Time			
10:30 – 11:20	Free Study Time	Free Study Time			
11:30 – 12:20	Free Study Time	Free Study Time			
13:30 – 14:20	ENGLISH	Free Study Time	TISSUE BIOLOGY COMMITTEE I  Applied Exams	TISSUE BIOLOGY COMMITTEE I  Applied Exams	Free Study Time
14:30 – 15:20		Free Study Time			Free Study Time
15:30 – 16:20	ELECTIVE COURSES	Free Study Time			Free Study Time
16:30 – 17:20		Free Study Time			Turkish Language
		18:00 – 18:50 Atatürk's Principles and History of His Revolutions			