

**UNIVERSITY of KYRENIA , FACULTY of MEDICINE**  
**2022-2023 EDUCATIONAL YEAR**  
**YEAR I**  
**TISSUE BIOLOGY COMMITTEE**  
**(MAY 29 – JULY 21, 2023)**

<b>COURSES</b>	<b>THEORETICAL (hours)</b>	<b>PRACTICAL (hours)</b>	<b>TOTAL (hours)</b>
ANATOMY	36	22X2	80
HISTOLOGY AND EMBRYOLOGY	25	8X2	41
PHYSIOLOGY	21	10X2	41
MEDICAL BIOCHEMISTRY	6	-	6
PSYCHIATRY	7	-	7
<b>TOTAL</b>	95	80	175

Dean	Prof. Dr. Rüveyde BUNDAK
Vice Dean	Prof. Dr. Candan ÖZOĞUL
Coordinator	

**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

	29.05.2023 MONDAY	30.05.2023 TUESDAY	31.05.2023 WEDNESDAY	01.06.2023 THURSDAY	02.06.2023 FRIDAY
08:30-09:15	FREE TIME		Psychiatric history	Psychosexual and psychosocial development	PHASE II THEORETICAL EXAMINATION
09:30-10:15		General embryology	General embryology	Psychosexual and psychosocial development	
10:30-11:15		General embryology	General embryology	Muscle	
11:30-12:15		General embryology	General embryology	Muscle	
13:30-14:15	FREE TIME	Biochemistry of endothelium tissue	PHASE II PRACTICAL EXAMINATION		General embryology
14:30-15:15	FREE TIME	Connective tissue biochemistry		FREE TIME	General embryology
15:30-16:15	FREE TIME	Connective tissue biochemistry		FREE TIME	Introduction to muscles
16:30-17:15	FREE TIME	FREE TIME		FREE TIME	FREE TIME

	05.06.2023 MONDAY	06.06.2023 TUESDAY	07.06.2023 WEDNESDAY	08.06.2023 THURSDAY	09.06.2023 FRIDAY
08:30-09:15	CSE compensation lesson	Superficial structures of the neck	Physiology of peripheral nervous system	App. course Anatomy 2 (Face to face)	FREE TIME
09:30-10:15		Superficial structures of the neck	Physiology of peripheral nervous system	App. course Anatomy 2 (Face to face)	FREE TIME
10:30-11:15		General embryology	Deep structures of the neck	App. course Anatomy 2 (Face to face)	FREE TIME
11:30-12:15		General embryology	Deep structures of the neck	App. course Anatomy 2 (Face to face)	FREE TIME
13:30-14:15	General embryology	App. course Anatomy 1 (face to face)	General embryology	Muscles of facial expression and mastication	FREE TIME
14:30-15:15	Spinal cord and spinal nerves	App. course Anatomy 1 (face to face)	General embryology	Superficial muscles of the neck and back	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	FREE TIME	App. course Anatomy 1 (face to face)	FREE TIME	Deep muscles of the neck and back	FREE TIME

	12.06.2023 MONDAY	13.06.2023 TUESDAY	14.06.2023 WEDNESDAY	15.06.2023 THURSDAY	16.06.2023 FRIDAY
08:30-09:15	CSE EXAMINATON	Pectoral region and the breast	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	App. course Anatomy 4 (Face to face)	Mind and Brain	Skeleton muscle and contraction theories
10:30-11:15		Conduction properties of peripheral nervous system	App. course Anatomy 4 (Face to face)	Mind and Brain	Clinical anatomy
11:30-12:15		Synapses and types of synapses	App. course Anatomy 4 (Face to face)	Cognitive and moral development	Clinical anatomy
13:30-14:15	CSE EXAMINATON	App. course Anatomy 3 (Face to face)	Axilla	Neuromuscular junction	Muscle tissue biochemistry
14:30-15:15		App. course Anatomy 3 (Face to face)	Brachial plexus	FREE TIME	Muscle tissue biochemistry
15:30-16:15		App. course Anatomy 3 (Face to face)	Brachial plexus	FREE TIME	Nerve Tissue Biochemistry
16:30-17:15		App. course Anatomy 3 (Face to face)	FREE TIME		FREE TIME

	19.06.2023 MONDAY	20.06.2023 TUESDAY	21.06.2023 WEDNESDAY	22.06.2023 THURSDAY	23.06.2023 FRIDAY
08:30-09:15	FREE TIME	Mechanical properties of skeletal muscles	FREE TIME	Lumbosacral plexus	FREE TIME
09:30-10:15	Anterior and posterior compartment of the arm	Mechanical properties of skeletal muscles	Palm of the hand	Lumbosacral plexus	FREE TIME
10:30-11:15	Mechanical properties of skeletal muscles	General embryology	Posterior compartment of the forearm and dorsum of the hand	Synaptic integration	Anteromedial compartment of the thigh
11:30-12:15	Mechanical properties of skeletal muscles	General embryology Dr. Ç. Elmas	Posterior compartment of the forearm and dorsum of the hand	Synaptic integration	Anteromedial compartment of the thigh
13:30-14:15	General embryology	Anterior compartment of the forearm	General embryology	FREE TIME	FREE TIME
14:30-15:15	FREE TIME	Anterior compartment of the forearm	General embryology	FREE TIME	
15:30-16:15	FREE TIME	FREE TIME	Properties of synaptic conduction	FREE TIME	
16:30-17:15	FREE TIME	FREE TIME	Properties of synaptic conduction	FREE TIME	

	26.06.2023 MONDAY	27.06.2023 TUESDAY	28.06.2023 WEDNESDAY	29.06.2023 THURSDAY	30.06.2023 FRIDAY
08:30-09:15	App. course Anatomy 5 (Face to face)	App. course Anatomy 6 (Face to face)	FREE TIME	FREE TIME	FREE TIME
09:30-10:15	App. course Anatomy 5 (Face to face)	App. course Anatomy 6 (Face to face)	Nervous tissue		FREE TIME
10:30-11:15	App. course Anatomy 5 (Face to face)	App. course Anatomy 6 (Face to face)	Nervous tissue		FREE TIME
11:30-12:15	App. course Anatomy 5 (Face to face)	App. course Anatomy 6 (Face to face)	Nervous tissue		FREE TIME
13:30-14:15	FREE TIME	App. course Histology and Emb. 1 (online)	Gluteal region		FREE TIME
14:30-15:15	FREE TIME		Posterior compartment of the thigh		FREE TIME
15:30-16:15	FREE TIME		FREE TIME		FREE TIME
16:30-17:15	FREE TIME		FREE TIME		FREE TIME

	03.07.2023 MONDAY	04.07.2023 TUESDAY	05.07.2023 WEDNESDAY	06.07.2023 THURSDAY	07.07.2023 FRIDAY
08:30-09:15	Anterolateral compartment of the leg	PHASE III THEORETICAL EXAMINATION  App. course Physiology 1 (online)	App. course Histology and Emb. 2 (online)	App. course Anatomy 8 (Face to face)	Integument
09:30-10:15	Posterior compartment of the leg			App. course Anatomy 8 (Face to face)	Integument
10:30-11:15	Sensorial receptors			App. course Anatomy 8 (Face to face)	Clinical and radiographic anatomy
11:30-12:15	Sensorial receptors			App. course Anatomy 8 (Face to face)	Clinical and radiographic anatomy
13:30-14:15	FREE TIME	Autonomic nervous system	App. course Anatomy 7 (Face to face)	FREE TIME	App. course Physiology 2 (online)
14:30-15:15	FREE TIME	Autonomic nervous system	App. course Anatomy 7 (Face to face)	FREE TIME	App. course Physiology 2 (online)
15:30-16:15	FREE TIME	Anatomy of the foot	App. course Anatomy 7 (Face to face)	FREE TIME	App. course Physiology 2 (online)
16:30-17:15	FREE TIME	Anatomy of the foot	App. course Anatomy 7 (Face to face)	FREE TIME	App. course Physiology 2 (online)

	10.07.2023 MONDAY	11.07.2023 TUESDAY	12.07.2023 WEDNESDAY	13.07.2023 THURSDAY	14.07.2023 FRIDAY
08:30-09:15	App. course Anatomy 9 (Face to face)	Physiology of smooth muscle	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		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		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		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	FREE TIME	FREE TIME	App. course Physiology 3 (online)	FREE TIME	FREE TIME

	17.07.2023 MONDAY	18.07.2023 TUESDAY	19.07.2023 WEDNESDAY	20.07.2023 THURSDAY	21.07.2023 FRIDAY
08:30-09:15	App. course Physiology 5 (online)	App. course Histology and Emb. 4 (online)	App. course Anatomy 10 (Face to face)	<b>HISTOLOGY AND PHYSIOLOGY PRACTICAL EXAM</b>	<b>THEORETICAL EXAM</b>
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	App. course Anatomy 11 (Face to face)	<b>ANATOMY PRACTICAL EXAM</b>	FREE TIME
14:30-15:15	FREE TIME	FREE TIME	App. course Anatomy 11 (Face to face)		FREE TIME
15:30-16:15	FREE TIME	FREE TIME	App. course Anatomy 11 (Face to face)		FREE TIME
16:30-17:15	FREE TIME	FREE TIME	App. course Anatomy 11 (Face to face)		FREE TIME

