



OKAN UNIVERSITY FACULTY OF MEDICINE

2020– 2021 ACADEMIC YEAR

PHASE I

BASIC SCIENCES SUBJECT COMMITTEE-I (MED 101)

7 WEEK PROGRAMME (05.10.2020 – 20.11.2020)

DISCIPLINE
1- BIOPHYSICS
2- BIostatISTICS
3- BEHAVIORAL SCIENCES
4- HISTOLOGY AND EMBRYOLOGY
5- MEDICAL BIOCHEMISTRY
6- MEDICAL BIOLOGY AND GENETICS
7- MEDICAL HISTORY AND ETHICS
8- CAREER LIFE
9- ATATÜRK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION
10- TURKISH LANGUAGE
11- TURKISH FOR FOREIGNERS –TRD 105
12- CORE 301: INTERMEDIATE ACADEMIC READING AND WRITING

DEAN : Prof. Dr.İ.Bülent BUTTANRI  
CHIEF COORDINATOR OF PHASE I : Prof. Dr. Zuhal ALTUNKAYNAK  
VICE CHIEF COORDINATOR OF PHASE I : Instructor Işinsu ALKAN

LIST OF PARTICIPANTS IN THE SUBJECT COMMITTEE	
DEPARTMENTS	LECTURERS
BEHAVIORAL SCIENCES	Assist. Prof. Dr. Gözde G. MEYDANERİ
BIOPHYSICS	Assist. Prof. Dr. Hümbet AHMEDOV
BIostatISTICS	Assist. Prof. Dr. Duygu AYDIN HAKLI
HISTOLOGY AND EMBRYOLOGY	Prof. Dr. Cengiz BAYCU
	Prof. Dr. Zuhal ALTUNKAYNAK
	Dr. Işinsu ALKAN
MEDICAL BIOCHEMISTRY	Prof. Dr. Gül den BURÇAK
	Assist. Prof. Dr. Hadi KARIMKHANI
	Lecturer. Sercan KAPANCIK
MEDICAL BIOLOGY AND GENETICS	Prof. Dr. Ali SAZCI
	Assist. Prof. Dr. Öznur B. EKMEKÇİGİL
MEDICAL HISTORY AND ETHICS	Prof. Dr. Semih BASKAN
	Assoc. Prof. Dr. Canan ALDIRMAZ AĞARTAN

WEEK 1 (05.10.2020-09.10.2020)	
SUBJECT	LECTURER
Orientation Lecture	Prof. Dr. Zuhal ALTUNKAYNAK
<b>MEDICAL BIOCHEMISTRY</b>	
Biochemistry and medicine	Prof. Dr. Gülden BURÇAK
Water, acids, bases and buffers	Assist. Prof. Dr. Hadi KARIMKHANI
The chemical foundations of biochemistry	Lecturer. Sercan KAPANCIK
<b>BIOSTATISTICS</b>	
Biostatistics	Assist. Prof. Dr. Duygu AYDIN HAKLI
<b>BIOPHYSICS</b>	
Introduction to Biophysics	Assist. Prof. Dr. Hümbet AHMEDOV
Atoms and molecules. Phase states of matter	Assist. Prof. Dr. Hümbet AHMEDOV
Newton's laws of motion. Gravitational force.	Assist. Prof. Dr. Hümbet AHMEDOV
Static forces and biomechanical balance	Assist. Prof. Dr. Hümbet AHMEDOV
<b>MEDICAL BIOLOGY AND GENETICS</b>	
Introduction to Medical Genetics	Prof.Dr. Ali SAZCI

WEEK 2 (12.10.2020-16.10.2020)	
SUBJECT	LECTURER
<b>MEDICAL BIOCHEMISTRY</b>	
The chemical foundations of biochemistry	Prof. Dr. Gülden BURÇAK
The chemical foundations of biochemistry	Lecturer. Sercan KAPANCIK
Amino acids and proteins	Prof. Dr. Gülden BURÇAK
<b>MEDICAL BIOLOGY AND GENETICS</b>	
Cellular Structures, Organelles	Assist. Prof. Dr. Öznur B. EKMEKÇİGİL
<b>BIOSTATISTICS</b>	
Biostatistics	Assist. Prof. Dr. Duygu AYDIN HAKLI
<b>HISTOLOGY AND EMBRYOLOGY</b>	
Introduction to Histology: Microscopy and Histological techniques	Prof.Dr. Cengiz BAYCU
Histology lab 1: Microscope	Hist & Emb. Dept. Lecturers
<b>BIOPHYSICS</b>	
Elasticity and strength of materials	Assist. Prof. Dr. Hümbet AHMEDOV
Stress and strain. Shear. Applications	Assist. Prof. Dr. Hümbet AHMEDOV
Quantum mechanics and bonds	Assist. Prof. Dr. Hümbet AHMEDOV
Evolution stages of the universe and the living world	Assist. Prof. Dr. Hümbet AHMEDOV

WEEK 3 (19.10.2020-23.10.2020)	
SUBJECT	LECTURER
<b>BEHAVIORAL SCIENCES</b>	
Introduction to Behavioral Sciences	Assist. Prof. Dr. Gözde G. MEYDANERİ
Human as a Biopsychosocial Integrity	Assist. Prof. Dr. Gözde G. MEYDANERİ
Neurobiologic and Genetic Components of Behavior	Assist. Prof. Dr. Gözde G. MEYDANERİ
Cognitive Components of Behavior (Orientation, consciousness)	Assist. Prof. Dr. Gözde G. MEYDANERİ
<b>MEDICAL BIOLOGY AND GENETICS</b>	
Cell cytoskeleton, membrane transport	Assist. Prof. Dr. Öznur B. EKMEKÇİGİL
Extracellular Matrix	Assist. Prof. Dr. Öznur B. EKMEKÇİGİL
<b>BIOSTATISTICS</b>	
Biostatistics	Assist. Prof. Dr. Duygu AYDIN HAKLI
<b>HISTOLOGY AND EMBRYOLOGY</b>	
The cell: Cytoplasm, Cellular organelles and inclusions at Light and Electron microscopic level	Prof.Dr. B.Zuhal ALTUNKAYNAK
<b>MEDICAL BIOCHEMISTRY</b>	
Hemoglobin and myoglobin	Prof. Dr. Gülden BURÇAK
<b>MEDICAL HISTORY AND ETHICS</b>	
Medical History and Ethics (Turkish Students)	Prof. Dr. Semih BASKAN

WEEK 4 (26.10.2020-30.10.2010)	
SUBJECT	LECTURER
<b>BEHAVIORAL SCIENCES</b>	
Cognitive Components of Behavior (Sense, Perception, Memory)	Assist. Prof. Dr. Gözde G. MEYDANERİ
Cognitive Components of Behavior (Will, Intelligence, Attention)	Assist. Prof. Dr. Gözde G. MEYDANERİ
Cognitive Components of Behavior(Learning, Cognition, Cognitive Development)	Assist. Prof. Dr. Gözde G. MEYDANERİ
Cognitive Components of Behavior(Abstraction, Thinking, Thought, Reasoning)	Assist. Prof. Dr. Gözde G. MEYDANERİ
<b>BIOSTATISTICS</b>	
Biostatistics	Assist. Prof. Dr. Duygu AYDIN HAKLI
<b>MEDICAL BIOLOGY AND GENETICS</b>	
DNA structure and function, DNA replication	Assist. Prof. Dr. Öznur B. EKMEKÇİGİL
<b>HISTOLOGY AND EMBRYOLOGY</b>	
Histology Lab 2: Cell Types	Hist &Emb. Dept. Lecturers
<b>BIOPHYSICS</b>	
Electric field and the electric potential energy	Assist. Prof. Dr. Hümbet AHMEDOV
Potential gradient across the cell membrane	Assist. Prof. Dr. Hümbet AHMEDOV
<b>MEDICAL HISTORY AND ETHICS</b>	
Medical History and Ethics (Turkish Students)	Prof. Dr. Semih BASKAN

WEEK 5 (02.11.2020-05.11.2020)	
SUBJECT	LECTURER
<b>BEHAVIORAL SCIENCES</b>	
Psychological Determinants of Behavior (Psychodynamic factors)	Assist. Prof. Dr. Gözde G. MEYDANERİ
Psychological Determinants of Behavior (drives- motives-behavior)	Assist. Prof. Dr. Gözde G. MEYDANERİ
<b>BIostatISTICS</b>	
Biostatistics	Assist. Prof. Dr. Duygu AYDIN HAKLI
<b>MEDICAL BIOLOGY AND GENETICS</b>	
RNA structure and transcriptional regulation	Assist. Prof. Dr. Öznur B. EKMEKÇİGİL
Transcriptional regulation	Assist. Prof. Dr. Öznur B. EKMEKÇİGİL
<b>MEDICAL HISTORY AND ETHICS</b>	
Medical History and Ethics (Foreign Students)	Assoc. Prof. Dr. Canan AĞARTAN
Medical History and Ethics (Turkish Students)	Prof. Dr. Semih BASKAN
<b>BIOPHYSICS</b>	
Base pairing in DNA. Electric potential energy of A-T and G-C bonds	Assist. Prof. Dr. Hümbet AHMEDOV
Electric dipole. Polar molecule. Water as solvent	Assist. Prof. Dr. Hümbet AHMEDOV

WEEK 6 (09.11.2020-13.11.2020)	
SUBJECT	LECTURER
<b>BEHAVIORAL SCIENCES</b>	
Sociocultural Components of Behavior	Assist. Prof. Dr. Gözde G. MEYDANERİ
Evolutional Psychology/Psychiatry	Assist. Prof. Dr. Gözde G. MEYDANERİ
<b>BIOPHYSICS</b>	
Capacitance and dielectrics. Dielectric cell membrane	Assist. Prof. Dr. Hümbet AHMEDOV
Current and resistance. Leakage current across the cell membrane	Assist. Prof. Dr. Hümbet AHMEDOV
<b>MEDICAL BIOLOGY AND GENETICS</b>	
Posttranscriptional regulation	Dr. Öğr. Üyesi Öznur B. EKMEKÇİGİL
<b>MEDICAL HISTORY AND ETHICS</b>	
Medical History and Ethics (Foreign Students)	Assoc. Prof. Dr. Canan AĞARTAN
Medical History and Ethics (Turkish Students)	Prof. Dr. Semih BASKAN
<b>BIostatISTICS</b>	
Biostatistics	Assist. Prof. Dr. Duygu AYDIN HAKLI

WEEK 7 (16.11.2020-20.11.2020)
<b>EXAM WEEK</b>