



İSTANBUL OKAN UNIVERSITY FACULTY OF MEDICINE
2020– 2021 ACADEMIC YEAR
PHASE I

BASIC SCIENCES SUBJECT COMMITTEE-II (MED 103)
8 WEEK PROGRAMME (23.11.2020-15.01.2021)

SUMMARY OF THE COMMITTEE-II				
CODE	DISCIPLINE	THEORETICAL	PRACTICAL	TOTAL
MED 103	1- BEHAVIORAL SCIENCES	12	-	12
	2- BIOPHYSICS	18	-	18
	3- BIOSTATISTICS	14	-	14
	4- HISTOLOGY AND EMBRYOLOGY	6	4	10
	5- MEDICAL BIOCHEMISTRY	20	4	24
	6- MEDICAL BIOLOGY AND GENETICS	18	4	22
	7- MEDICAL HISTORY AND ETHICS	8	-	8
	TOTAL MEDICAL LECTURE HOURS	96	12	108

DEAN

: Prof. Dr. İ. Bülent BUTTANRI

CHIEF COORDINATOR OF PHASE I

: Prof. Dr. B. Zuhal ALTUNKAYNAK

VICE COORDINATOR OF PHASE I

: Assist. Prof. Dr. Işinsu ALKAN

LIST OF PARTICIPANTS IN THE SUBJECT COMMITTEE	
DEPARTMENTS	LECTURERS
BEHAVIORAL SCIENCE	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
	Assist. Prof. Dr. Işinsu ALKAN
	Res. Assist. Sedef Altundağ KARA
MEDICAL BIOCHEMISTRY	Prof. Dr. Gülden BURÇAK
	Assist. Prof. Dr. Üyesi Hadi KARIMKHANI
	Assist. Prof. Dr. Sercan KAPANCIK
MEDICAL BIOLOGY AND GENETICS	Prof. Dr. Ali SAZCI
	Assist. Prof. Dr. Öznur Bayraktar EKMEKÇİGİL
	Res. Assist. Pınar GÜLTEKİN
MEDICAL HISTORY AND ETHICS	Prof. Dr. Semih BASKAN

WEEK 1 (23.11.2020-27.11.2020)	
SUBJECT	LECTURER
Carbohydrates	Prof. Dr. Gülden BURÇAK
Biostatistics	Assist. Prof. Dr. Duygu AYDIN HAKLI
Genetic codes/ tRNA, rRNA, Protein synthesis	Assist. Prof. Dr. Öznur B. EKMEKÇİGİL
Posttranslational modifications	Assist. Prof. Dr. Öznur B. EKMEKÇİGİL
Biopsychosocial Development	Assist. Prof. Dr. Güzde G. MEYDANERİ
Personality and its development	Assist. Prof. Dr. Güzde G. MEYDANERİ
Radiation Biophysics. Basic concepts in nuclear physics	Assist. Prof. Dr. Hümbet AHMEDOV
Epithelial tissue	Assist. Prof. Dr. Işinsu ALKAN
HISTOLOGY LAB 1: Epithelial tissue	Hist & Emb. Dept. Lecturers

WEEK 2 (30.11.2020-04.12.2020)	
SUBJECT	LECTURER
Lipids	Prof. Dr. Gülden BURÇAK
LAB 1: Chemical solutions	Biochemistry Dept. Lecturers
Biostatistics	Assist. Prof. Dr. Duygu AYDIN HAKLI
Variations: Mutations, Polymorphisms Transposons, mutagenesis, Carcinogenesis	Prof. Dr. Ali SAZCI
Medical Biology Lab I	Medical Biology and Genetics Dept. Lecturers
Mitosis-Meiosis Cell cycle regulation	Assist. Prof. Dr. Öznur B. EKMEKÇİGİL
Alpha(α), beta (β), gamma (γ) radiations	Assist. Prof. Dr. Hümbet AHMEDOV
Behavioristic Approach	Assist. Prof. Dr. Güzde G. MEYDANERİ
Cognitive Behavioral Approach	Assist. Prof. Dr. Güzde G. MEYDANERİ

WEEK 3 (07.12.2020-11.12.2020)	
SUBJECT	LECTURER
Interaction of radiations with matter. Radiation doses	Assist. Prof. Dr. Hümbet AHMEDOV
Inheritance patterns Mendel genetics, Non-Mendel genetics	Prof. Dr. Ali SAZCI
Cell death regulation	Assist. Prof. Dr. Öznur B. EKMEKÇİGİL
Medical Biology Lab II	Medical Biology and Genetics Dept. Lecturers
Biostatistics	Assist. Prof. Dr. Duygu AYDIN HAKLI
Bioenergetics	Prof. Dr. Gülden BURÇAK
Enzymes	Prof. Dr. Gülden BURÇAK
Sexual Dimensions of Behavior (Sex, Fertility, Sexual Identity, Sexual Orientation)	Assist. Prof. Dr. Gözde G. MEYDANERİ
Psychoanalysis	Assist. Prof. Dr. Gözde G. MEYDANERİ
Cell Surface Specializations-Cell skeleton-Extracellular matrix	Prof. Dr. Berrin Zuhal ALTUNKAYNAK

WEEK 4 (14.12.2020-18.12.2020)	
SUBJECT	LECTURER
Genetics technology-1	Assist. Prof. Dr. Öznur B. EKMEKÇİGİL
X-Ray radiations. Neutron radiation	Assist. Prof. Dr. Hümbet AHMEDOV
LAB-2: Chemical solutions	Biochemistry Dept. Lecturers
Medical History and Ethics (Turkish Students)	Prof. Dr. Semih BASKAN
Communication	Assist. Prof. Dr. Gözde G. MEYDANERİ
Interview Technics	Assist. Prof. Dr. Gözde G. MEYDANERİ
Biostatistics	Assist. Prof. Dr. Duygu AYDIN HAKLI

WEEK 5 (21.12.2020-25.12.2020)	
SUBJECT	LECTURER
Mitochondrial Genetics and Maternal inheritance	Prof. Dr. Ali SAZCI
Genetics technology-2	Assist. Prof. Dr. Öznur B. EKMEKÇİGİL
Radioisotopes usage in diagnosis and in therapy. Radiation therapy	Assist. Prof. Dr. Hümbet AHMEDOV
Glandular Tissue	Prof. Dr. Cengiz BAYCU
HISTOLOGY LAB 2: Glandular tissue	Hist & Emb. Dept. Lecturers
Biostatistics	Assist. Prof. Dr. Duygu AYDIN HAKLI
Medical History and Ethics (Turkish Students)	Prof. Dr. Semih BASKAN
Relationships Between Patient and Doctor	Assist. Prof. Dr. Gözde G. MEYDANERİ
Problems in Relationships Between Patient and Doctor	Assist. Prof. Dr. Gözde G. MEYDANERİ
Biological effects of radiations	Assist. Prof. Dr. Hümbet AHMEDOV

WEEK 6 (28.12.2020-01.01.2021)	
SUBJECT	LECTURER
Biostatistics	Assist. Prof. Dr. Duygu AYDIN HAKLI
Biostatistics	Assist. Prof. Dr. Duygu AYDIN HAKLI
Medical History and Ethics (Turkish Students)	Prof. Dr. Semih BASKAN
Internal dosimetry. Dosimetry models for respiratory and gastrointestinal tracts	Assist. Prof. Dr. Hümbet AHMEDOV
Importance of Mental Health in General Health	Assist. Prof. Dr. Gözde G. MEYDANERİ
Epidemiology of Mental Disorders in Turkey and the World	Assist. Prof. Dr. Gözde G. MEYDANERİ
HOLIDAY	

WEEK 7 (04.01.2021-08.01.2021)	
SUBJECT	LECTURER
Radiation Safety	Assist. Prof. Dr. Hümbet AHMEDOV
Lasers and their application in medicine	Assist. Prof. Dr. Hümbet AHMEDOV
Medical History and Ethics (Turkish Students)	Prof. Dr. Semih BASKAN

WEEK 8 (11.01.2021-15.01.2021)
EXAM WEEK