

2025-2026 ACADEMIC YEAR PHASE I
MED 102 Cell Sciences II

Committee start date : 24 November 2025

Committee end date : 23 January 2026

Classroom: Grand Library Hall 3

	Lecture	Lab	Total
Biostatistics	16	-	16
Medical Biochemistry	28	4	32
Medical Biology	24	-	24
Microbiology	28	4	32
Organic Chemistry	12	-	12
TOTAL	108	8	116

Dean

Vice Deans

Coordinator

Assistant Coordinators

Professor Gamze MOCAN, MD

Professor Selda ÖNDEROĞLU, PhD

Professor Aysel KÜKNER, MD, PhD

Professor Özlem DALMIZRAK, PhD

Professor Umut GAZİ, PhD

Assistant Professor Gizem SÖYLER, PhD

ACADEMIC STAFF

Professor Özlem DALMIZRAK

Professor Umut GAZİ

Professor Emrah RUH

Professor Selma YILMAZ

Associate Professor Süleyman AŞIR

Associate Professor Cemile BAĞKUR

Associate Professor Victor MARKUS

Associate Professor Ayşe SARİOĞLU

Associate Professor Özgür TOSUN

Assistant Professor Eşref ÇELİK

Lecturer Oğuz Han EDEBAL

Lecturer Ferdiye TANER

Department of Medical Biochemistry

Department of Medical and Clinical Microbiology

Department of Medical and Clinical Microbiology

Department of Medical Biology

Department of Organic Chemistry

Department of Medical and Clinical Microbiology

Department of Medical Biochemistry

Department of Medical and Clinical Microbiology

Department of Biostatistics

Department of Medical and Clinical Microbiology

Department of Medical Biochemistry

Department of Medical and Clinical Microbiology

	24 November	25 November	26 November	27 November	28 November
08.40 - 09.30	Independent Learning	Biochemistry Chemical Structure and Function of Lipids I Özlem Dalmazrak	Organic Chemistry Reactions of Aromatic Compounds Süleyman Aşır	Independent Learning	Independent Learning
09.40 - 10.30	Medical Biology DNA Replication Selma Yılmaz	Biochemistry Chemical Structure and Function of Lipids I Özlem Dalmazrak	Organic Chemistry Reactions of Aromatic Compounds Süleyman Aşır	Biochemistry Lipoproteins: Structure and functions Özlem Dalmazrak	Biostatistics Introduction to Statistics and Biostatistics Özgür Tosun
10.40 - 11.30	Medical Biology DNA Replication Selma Yılmaz	Medical Biology "Central Dogma" and Flow of Genetic Information Selma Yılmaz	Biochemistry Chemical Structure and Function of Lipids II Özlem Dalmazrak	Biochemistry Lipoproteins: Structure and functions Özlem Dalmazrak	Biostatistics Introduction to Statistics and Biostatistics Özgür Tosun
11.40 - 12.30	Independent Learning	Medical Biology "Central Dogma" and Flow of Genetic Information Selma Yılmaz	Biochemistry Chemical Structure and Function of Lipids II Özlem Dalmazrak	Independent Learning	Independent Learning
13:00 - 13:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
14:00 - 14:50	Elective	Independent Learning	Elective	Independent Learning	Independent Learning
15:00 - 15:50		Independent Learning		Independent Learning	Independent Learning
16:00 - 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

	1 December	2 December	3 December	4 December	5 December
08.40 - 09.30	Independent Learning	Microbiology Bacterial Cell Structure <i>Emrah Ruh</i>	Organic Chemistry Aldehyde and Ketones: Nucleophilic Addition to the Carbonyl Group <i>Süleyman Aşır</i>	Microbiology Bacterial Metabolism <i>Emrah Ruh</i>	Independent Learning
09.40 - 10.30	Medical Biology RNA Structure <i>Selma Yılmaz</i>	Microbiology Bacterial Cell Structure <i>Emrah Ruh</i>	Organic Chemistry Aldehyde and Ketones: Nucleophilic Addition to the Carbonyl Group <i>Süleyman Aşır</i>	Microbiology Bacterial Metabolism <i>Emrah Ruh</i>	Independent Learning
10.40 - 11.30	Medical Biology RNA Structure <i>Selma Yılmaz</i>	Medical Biology Transcription <i>Selma Yılmaz</i>	Microbiology Growth of Bacteria <i>Emrah Ruh</i>	Biostatistics Descriptive Statistics <i>Özgür Tosun</i>	Biostatistics Frequency Tables - Single Variable Graphics <i>Özgür Tosun</i>
11.40 - 12.30	Microbiology Microbiol World And Classification of Microorganisms <i>Emrah Ruh</i>	Medical Biology Transcription <i>Selma Yılmaz</i>	Microbiology Ricettsiae, Mycoplasma, Chlamydiae: General Structure <i>Emrah Ruh</i>	Biostatistics Descriptive Statistics <i>Özgür Tosun</i>	Biostatistics Frequency Tables - Single Variable Graphics <i>Özgür Tosun</i>
13:00 - 13:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
14:00 - 14:50	Elective	Independent Learning	Elective	Independent Learning	Independent Learning
15:00 - 15:50		Independent Learning		Independent Learning	Independent Learning
16:00 - 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

	8 December	9 December	10 December	11 December	12 December
08.40 - 09.30	Medical Biology	Biochemistry	Organic Chemistry	Biostatistics	Biochemistry
	Post Transcriptional Modifications	Coenzymes and Cofactors	Aldehyde and Ketones: Aldol Reactions	Cross Tables, Bivariate and Multivariate Graphics	Problem Solving (Bioenergetics)
	Selma Yılmaz	Victor Markus	Süleyman Aşır	Özgür Tosun	Özlem Dalmızrak
09.40 - 10.30	Medical Biology	Biochemistry	Organic Chemistry	Biostatistics	Biochemistry
	Post Transcriptional Modifications	Coenzymes and Cofactors	Aldehyde and Ketones: Aldol Reactions	Cross Tables, Bivariate and Multivariate Graphics	Discussion (Bioenergetics)
	Selma Yılmaz	Victor Markus	Süleyman Aşır	Özgür Tosun	Özlem Dalmızrak
10.40 - 11.30	Biochemistry	Medical Biology	Biochemistry	Biochemistry	Biostatistics
	Structure and Functions of Vitamins	Genetic Code and Protein Synthesis	Principles of Bioenergetics	ATP Cycle	Probability Theory
	Victor Markus	Selma Yılmaz	Özlem Dalmızrak	Victor Markus	Özgür Tosun
11.40 - 12.30	Biochemistry	Medical Biology	Biochemistry	Biochemistry	Biostatistics
	Structure and Functions of Vitamins	Genetic Code and Protein Synthesis	Principles of Bioenergetics	ATP Cycle	Probability Theory
	Victor Markus	Selma Yılmaz	Özlem Dalmızrak	Victor Markus	Özgür Tosun
13:00 - 13:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
14:00 - 14:50	Elective	Independent Learning	Elective	Independent Learning	Independent Learning
15:00 - 15:50		Independent Learning		Independent Learning	Independent Learning
16:00 - 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

	15 December	16 December	17 December	18 December	19 December
08.40 - 09.30	Medical Biology	Microbiology	Independent Learning	Microbiology	Independent Learning
	Genetic Code and Protein Synthesis	Bacteria Important in Human Health		Antibiotics: Mechanism of Action and Resistance	
	Selma Yılmaz	Emrah Ruh		Emrah Ruh	
09.40 - 10.30	Medical Biology	Microbiology	Organic Chemistry	Microbiology	Independent Learning
	Genetic Code and Protein Synthesis	Bacteria Important in Human Health	Carboxylic Acids and Their Derivatives	Antibiotics: Mechanism of Action and Resistance	
	Selma Yılmaz	Emrah Ruh	Süleyman Aşır	Emrah Ruh	
10.40 - 11.30	Microbiology	Medical Biology	Organic Chemistry	Biostatistics	Independent Learning
	Bacterial Genetics	Genetic Control Mechanisms	Carboxylic Acids and Their Derivatives	Probability Theoretical Distiributions	
	Ferdiye Taner	Selma Yılmaz	Süleyman Aşır	Özgür Tosun	
11.40 - 12.30	Microbiology	Medical Biology	Independent Learning	Biostatistics	Independent Learning
	Bacterial Genetics	Genetic Control Mechanisms		Probability Theoretical Distiributions	
	Ferdiye Taner	Selma Yılmaz		Özgür Tosun	
13:00 - 13:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
14:00 - 14:50	Elective	Independent Learning	Elective	Independent Learning	Independent Learning
15:00 - 15:50		Independent Learning		Independent Learning	Independent Learning
16:00 - 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

	22 December	23 December	24 December	25 December	26 December
08.40 - 09.30	Independent Learning	Independent Learning	Organic Chemistry	ADMINISTRATIVE HOLIDAY FOR STUDENTS	Biochemistry
			Amides and Nitriles		LAB SESSION: SPECTROPHOTOMETRY
			Süleyman Aşır		Victor Markus
09.40 - 10.30	Medical Biology	Biostatistics	Organic Chemistry		Biochemistry
	Genetic Control Mechanisms and Diseases	Sampling	Amides and Nitriles		LAB SESSION: SPECTROPHOTOMETRY
	Selma Yılmaz	Özgür Tosun	Süleyman Aşır		Victor Markus
10.40 - 11.30	Medical Biology	Biostatistics	Biochemistry		Biostatistics
	Genetic Control Mechanisms and Diseases	Sampling	Introduction to Biochemistry Laboratory: Laboratory Safety and General Information		Introduction to Inferential Statistics
	Selma Yılmaz	Özgür Tosun	Victor Markus		Özgür Tosun
11.40 - 12.30	Independent Learning	Independent Learning	Biochemistry		Biostatistics
			Principles and use of Spectrophotometers	Introduction to Inferential Statistics	
			Victor Markus	Özgür Tosun	
13:00 - 13:50	Independent Learning	Independent Learning	Independent Learning	ADMINISTRATIVE HOLIDAY FOR STUDENTS	Independent Learning
14:00 - 14:50	Elective	Independent Learning	Elective		Independent Learning
15:00 - 15:50		Independent Learning			Independent Learning
16:00 - 16:50	Independent Learning	Independent Learning	Independent Learning		Independent Learning

	29 December	30 December	31 December	1 January	2 January
08.40 - 09.30	Independent Learning	Independent Learning	Independent Learning	NEW YEAR'S HOLIDAY	ADMINISTRATIVE HOLIDAY FOR STUDENTS
09.40 - 10.30	Independent Learning	Independent Learning	Independent Learning		
10.40 - 11.30	Independent Learning	Independent Learning	Independent Learning		
11.40 - 12.30	Independent Learning	Independent Learning	Independent Learning		
13:00 - 13:50	Independent Learning	Independent Learning	Independent Learning	NEW YEAR'S HOLIDAY	ADMINISTRATIVE HOLIDAY FOR STUDENTS
14:00 - 14:50	Elective	Independent Learning	Elective		
15:00 - 15:50		Independent Learning			
16:00 - 16:50	Independent Learning	Independent Learning	Independent Learning		

	5 January	6 January	7 January	8 January	9 January
08.40 - 09.30	Independent Learning	Biochemistry	Organic Chemistry	Microbiology	Microbiology
		Introduction to Enzymes	Amines	General Properties of Viruses: Morphology and Chemical Structure	Virus host Cell Interaction
		Özlem Dalmızrak	Süleyman Aşır	Umut Gazi	Umut Gazi
09.40 - 10.30	Independent Learning	Biochemistry	Organic Chemistry	Microbiology	Microbiology
		Introduction to Enzymes	Amines	General Properties of Viruses: Morphology and Chemical Structure	Virus host Cell Interaction
		Özlem Dalmızrak	Süleyman Aşır	Umut Gazi	Umut Gazi
10.40 - 11.30	Independent Learning	Microbiology	Microbiology	Biochemistry	Biochemistry
		Cellular Structure and Genetics of Fungi	Fungi Important in Human Health	Enzyme Kinetics	Enzyme Kinetics
		Eşref Çelik	Eşref Çelik	Özlem Dalmızrak	Özlem Dalmızrak
11.40 - 12.30	Independent Learning	Microbiology	Microbiology	Biochemistry	Biochemistry
		Cellular Structure and Genetics of Fungi	Fungi Important in Human Health	Enzyme Kinetics	Enzymes in Diagnosis
		Eşref Çelik	Eşref Çelik	Özlem Dalmızrak	Oğuz Han Edebal
13:00 - 13:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
14:00 - 14:50	Elective	Independent Learning	Elective	Independent Learning	Independent Learning
15:00 - 15:50		Independent Learning		Independent Learning	Independent Learning
16:00 - 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

	12 January	13 January	14 January	15 January	16 January
08.40 - 09.30	Independent Learning	Microbiology Cellular Structure of Protozoa and Helminths <i>Emrah Ruh</i>	Microbiology Parasites Important in Human Health <i>Cemile Bağkur</i>	Independent Learning	LAB
09.40 - 10.30	Medical Biology Mutagenesis <i>Selma Yılmaz</i>	Microbiology Cellular Structure of Protozoa and Helminths <i>Emrah Ruh</i>	Microbiology Parasites Important in Human Health <i>Cemile Bağkur</i>	Microbiology Growth of Bacteria Lab Teaching <i>Emrah Ruh</i>	
10.40 - 11.30	Medical Biology Mutagenesis <i>Selma Yılmaz</i>	Medical Biology Mutagenesis <i>Selma Yılmaz</i>	Biochemistry LAB SESSION: ENZYMES <i>Victor Markus</i>	Microbiology Fungi Lab Teaching <i>Eşref Çelik</i>	
11.40 - 12.30	Microbiology Sterilization & Disinfection <i>Ayşe Sarıoğlu</i>	Medical Biology Mutagenesis <i>Selma Yılmaz</i>	Biochemistry LAB SESSION: ENZYMES <i>Victor Markus</i>	Independent Learning	
13:00 - 13:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning
14:00 - 14:50	Elective	Independent Learning	Elective	Independent Learning	Independent Learning
15:00 - 15:50		Independent Learning		Independent Learning	Independent Learning
16:00 - 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	Independent Learning

	19 January	20 January	21 January	22 January	23 January
08.40 - 09.30	Medical Biology DNA Repair System <i>Selma Yilmaz</i>	Independent Learning	Independent Learning	Independent Learning	EXAMINATION: Cell Sciences II Committee
09.40 - 10.30	Medical Biology DNA Repair System <i>Selma Yilmaz</i>	Biochemistry Introduction and Enzymatic Reactions in Cell Membranes <i>Victor Markus</i>	Independent Learning	Independent Learning	
10.40 - 11.30	Biochemistry Chemical Structure of Membranes <i>Victor Markus</i>	Biochemistry Introduction and Enzymatic Reactions in Cell Membranes <i>Victor Markus</i>	Independent Learning	Independent Learning	
11.40 - 12.30	Biochemistry Chemical Structure of Membranes <i>Victor Markus</i>	Independent Learning	Independent Learning	Independent Learning	
13:00 - 13:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	EXAMINATION: Cell Sciences II Committee
14:00 - 14:50	Elective	Independent Learning	Elective	Independent Learning	
15:00 - 15:50		Independent Learning		Independent Learning	
16:00 - 16:50	Independent Learning	Independent Learning	Independent Learning	Independent Learning	