



T.C.
İSTANBUL OKAN ÜNİVERSİTESİ
DİŞ HEKİMLİĞİ FAKÜLTESİ
2025-2026 EĞİTİM-ÖĞRETİM YILI



FACULTY: : **İSTANBUL OKAN UNIVERSITY FACULTY OF MEDICINE**
COURSE CODE and TITLE: : **DENT117 MEDICAL BIOLOGY AND GENETICS**
LECTURER: : **ASSIST. PROF. DR. HİLAL EREN GÖZEL**
CLASS: : **1st CLASS**
SEMESTER: : **FALL AND SPRING SEMESTER (1-2. SEMESTER)**
DAY: : **THURSDAY**
TIME: : **11.00 - 12.50**

WEEK	DATE	DENT117 MEDICAL BIOLOGY AND GENETICS COURSE TITLES	INSTRUCTOR
1st WEEK	02.10.2025	Introduction to Medical Biology	Assist. Prof. Dr. Hilal Eren Gözel
2nd WEEK	09.10.2025	Cellular Structures, Organelles and Cytoskeleton	Assist. Prof. Dr. Müge Atış Ceylan
3rd WEEK	16.10.2025	Cell Membrane and Membrane Transport	Assist. Prof. Dr. Hilal Eren Gözel
4th WEEK	23.10.2025	Introduction to Nucleic Acids	Assist. Prof. Dr. Aslı Karacan Konrat
5th WEEK	30.10.2025	DNA Replication	Assist. Prof. Dr. Müge Atış Ceylan
6th WEEK	06.11.2025	Transcription	Assist. Prof. Dr. Müge Atış Ceylan



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7th WEEK 8th WEEK		1st MIDTERM EXAMS	
9th WEEK	27.11.2025	Transcriptional Regulation	Assist. Prof. Dr. Hilal Eren Gözel
10th WEEK	04.12.2025	Posttranscriptional Regulation	Assist. Prof. Dr. Hilal Eren Gözel
11th WEEK	11.12.2025	Genetic Codes, Protein Synthesis	Assist. Prof. Dr. Müge Atış Ceylan
12th WEEK	18.12.2025	Posttranslational Modifications	Assist. Prof. Dr. Müge Atış Ceylan
13th WEEK	25.12.2025	Mutations, Mutagenesis	Assist. Prof. Dr. Aslı Karacan Konrat
14th WEEK	01.01.2026	Holiday	
		2nd MIDTERM EXAMS	
1st WEEK	12.02.2026	Chromosome Abnormalities and Disorders	Assist. Prof. Dr. Aslı Karacan Konrat
2nd WEEK	19.02.2026	Cell Cycle Regulation & Cell Division	Assist. Prof. Dr. Müge Atış Ceylan
3rd WEEK	26.02.2026	DNA Repair Mechanisms	Assist. Prof. Dr. Hilal Eren Gözel
4th WEEK	05.03.2026	Cell Death Regulation	Assist. Prof. Dr. Hilal Eren Gözel
5th WEEK	12.03.2026	Human Genome Organisation	Assist. Prof. Dr. Aslı Karacan Konrat
6th WEEK	19.03.2026	Holiday	
7th WEEK 8th WEEK		3rd MIDTERM EXAMS	



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9th WEEK	09.04.2026	Mendelian Genetics and Inheritance patterns	Assist. Prof. Dr. Aslı Karacan Konrat
10th WEEK	16.04.2026	Non-Mendelian Genetics	Assist. Prof. Dr. Müge Atış Ceylan
11th WEEK	23.04.2026	Holiday	
12th WEEK	30.04.2025	Genetic Diseases	Assist. Prof. Dr. Hilal Eren Gözel
13th WEEK	07.05.2025	Cancer Genetics	Assist. Prof. Dr. Hilal Eren Gözel
14th WEEK	14.05.2025	Blood Genetics	Assist. Prof. Dr. Aslı Karacan Konrat
15th WEEK	21.05.2025	Immunology	Assist. Prof. Dr. Aslı Karacan Konrat
		FINAL EXAM	

		MAKE UP EXAM	
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