
MBG 202 - MOLECULAR BIOLOGY**SPRING 2025-2026**

*Özden Yalçın-Özuysal, PhD***Microsoft Teams**

Team	Code
MBG202 25-26 Spring	9896ci1

Week	Topics
23-02-26	Introduction
02-03-26	The Structures of DNA and RNA
09-03-26	Genome Structure, Chromatin, and the Nucleosome
16-03-26	Genome Structure, Chromatin, and the Nucleosome
23-03-26	The Replication of DNA
30-03-26	Midterm I (01-04-26)
06-04-26	The Mutability and Repair of DNA
13-04-26	Homologous Recombination at the Molecular Level Site Specific Recombination and Transposition of DNA
20-04-26	Mechanisms of Transcription – I
27-04-26	Mechanisms of Transcription – II
04-05-26	Midterm II (06-05-26)
11-05-26	RNA Splicing
18-05-26	No Class (Bayram)
25-05-26	Translation
01-06-26	Genetic Code
08-06-26	Transcriptional Regulation
15-06-26	Review

Evaluation

Exam	Percentage
Quiz	10
Midterm I	25
Midterm II	25
Final	40

Reading Material***Molecular Biology of the Cell, 6th or 7th Edition****B. Alberts, A. Johnson, J. Lewis, M. Raff, K. Roberts, P. Walter****Molecular Biology of the Gene, 6th or 7th Edition****J.D. Watson, T.A. Baker, S.P. Bell, A. Gann, M. Levine, R. Losick***Office Hours***Monday 09:45-10:30 & Wednesday, 9:45 – 10:30, D205*
