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| **FACULTY:** | **:** | **FACULTY OF DENTISTRY** |
| **COURSE CODE and TITLE:**  | **:** | **DENT117 MEDICAL BIOLOGY AND GENETICS** |
| **LECTURER** | **:** | **DR. ÖĞR. ÜYESİ HİLAL EREN GÖZEL** |
| **CLASS** | **:** | **1st CLASS** |
| **SEMESTER** | **:** | **FALL AND SPRING SEMESTER (1-2. SEMESTER)** |
| **DAY** | **:** | **THURSDAY** |
| **TIME** | **:** | **11.00 - 12.50** |

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| **WEEK** | **DATE** | **DENT117 MEDICAL BIOLOGY AND GENETICS****COURSE TITLES** | **LECTURER** |
| 1. WEEK | **03.10.2024** | Introduction to Medical Biology  | Assist. Prof. Dr. Hilal Eren Gözel |
| 2. WEEK | **10.10.2024** | Cellular Structures / Organelles and Cytoskeleton | Lecturer Aslı Karacan Konrat |
| 3. WEEK | **17.10.2024** | Cell Membrane and Membrane Transport | Lecturer Aslı Karacan Konrat |
| 4. WEEK | **24.10.2024** | Introduction to Nucleic Acids | Lecturer Aslı Karacan Konrat |
| 5. WEEK | **31.10.2024** | DNA Structure, Function / DNA Replication | Lecturer Aslı Karacan Konrat |
| 6. WEEK | **07.11.2024** | Review / Problem Solving | Assist. Prof. Dr. Hilal Eren GözelLecturer Aslı Karacan Konrat |
| 7. WEEK | **11.11.2024** | **1ST MID-TERM EXAM** |
| 8. WEEK | **18.11.2024** |
| 9. WEEK | **28.11.2024** | RNA Structure and Transcriptional Regulation | Lecturer Aslı Karacan Konrat |
| 10. WEEK | **05.12.2024** | Post-Transcriptional Regulation  | Lecturer Aslı Karacan Konrat |
| 11. WEEK | **12.12.2024** | Genetic Codes, Protein Synthesis | Lecturer Aslı Karacan Konrat |
| 12. WEEK | **19.12.2024** | Posttranslational Modifications | Lecturer Aslı Karacan Konrat |
| 13. WEEK | **26.12.2024** | Mutations, Mutagenesis | Lecturer Aslı Karacan Konrat |
| 14. WEEK | **02.01.2025** | Review / Problem Solving  | Lecturer Aslı Karacan Konrat |
| 15. WEEK | **06.01.2025** | **2ND MID-TERM EXAM WEEKS** |
| 16. WEEK | **13.01.2025** |
| 1. WEEK | **06.02.2025** | Cell Division / Cell Cycle Regulation | Lecturer Aslı Karacan Konrat |
| 2. WEEK | **13.02.2025** | Cell Death Regulation | Lecturer Aslı Karacan Konrat |
| 3. WEEK | **20.02.2025** | Human Genome Organisation | Lecturer Aslı Karacan Konrat |
| 4. WEEK | **27.02.2025** | Mendelian Genetics | Lecturer Aslı Karacan Konrat |
| 5. WEEK | **06.03.2025** | Non-Mendelian Genetics | Lecturer Aslı Karacan Konrat |
| 6. WEEK | **13.03.2025** | Chromosome Abnormalities and Disorders | Lecturer Aslı Karacan Konrat |
| 7. WEEK | **20.03.2025** | Review / Problem Solving | Lecturer Aslı Karacan Konrat |
| 8. WEEK | **24.03.2025** | **3RD MID-TERM EXAM** |
| 9. WEEK | **31.03.2025** |
| 10. WEEK | **10.04.2025** | Genetic Diseases | Assist. Prof. Dr. Hilal Eren Gözel |
| 11. WEEK | **17.04.2025** | Cancer Genetics | Lecturer Aslı Karacan Konrat |
| 12. WEEK | **24.04.2025** | Blood Genetics  | Lecturer Aslı Karacan Konrat |
| 13. WEEK | **01.05.2025**  | Immunogenetics (Online) | Lecturer Aslı Karacan Konrat |
| 14. WEEK | **08.05.2025** | Epigenetics | Lecturer Aslı Karacan Konrat |
| 15. WEEK | **15.05.2025** | Review / Problem Solving | Assist. Prof. Dr. Hilal Eren GözelLecturer Aslı Karacan Konrat |
|  | **20.05.2025** | **FINAL EXAM WEEKS** |
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|  | **16.06.2025** | **MAKE-UP EXAM WEEKS** |