



**T.C.**  
**ISTANBUL OKAN UNIVERSITY**  
**DİŞ HEKİMLİĞİ FAKÜLTESİ**  
**2025-2026 ACADEMIC YEAR**



**DEPARTMENT:** FACULTY OF DENTISTRY  
**COURSE CODE AND TITLE:** DENT323 Pharmacology  
**LECTURER:** Prof. Dr.Barkın BERK  
**CLASS:** 4rd CLASS  
**SEMESTER:** FALL - SPRING  
**DAY:** FRIDAY  
**TIME:** 13:30-14:20

| WEEK   | DATE       | DENT323 PHARMACOLOGY                                                                    | LECTURER                 |
|--------|------------|-----------------------------------------------------------------------------------------|--------------------------|
| WEEK 1 | 12.09.2025 | Introduction to Pharmacology                                                            | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 2 | 19.09.2025 | Pharmaceutical Forms of Drugs and Routes of Drug Administration                         | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 3 | 26.09.2025 | Drug Absorption and Distribution                                                        | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 4 | 3.10.2025  | Drug Biotransformation and Elimination                                                  | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 5 | 10.10.2025 | Mechanisms of Action of Drugs and Drug-Receptor Relationships                           | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 6 | 17.10.2025 | Factors that Modify Drug Effects                                                        | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 7 | 24.10.2025 | Drug interactions: Drug interactions at the pharmacodynamic and pharmacokinetic levels. | Prof. Dr. Bülent GÜMÜŞEL |



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| October 27-November 7, 2025         |            | 1st MID-TERM EXAM WEEKS                                |                          |
|-------------------------------------|------------|--------------------------------------------------------|--------------------------|
| WEEK 8                              | 14.11.2025 | Chemotherapeutics-1                                    | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 9                              | 21.11.2025 | Chemotherapeutics-2                                    | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 10                             | 28.11.2025 | Introduction to the autonomic nervous system           | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 11                             | 5.12.2025  | Drugs acting on the adrenergic and cholinergic systems | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 12                             | 12.12.2025 | Antiseptics and disinfectants                          | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK13                              | 19.12.2025 | Drugs affecting saliva secretion                       | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 14                             | 26.12.2025 | Discussion                                             | Prof. Dr. Bülent GÜMÜŞEL |
| December 22, 2025 – January 2, 2026 |            | 2nd MID-TERM EXAM WEEKS                                |                          |
| January 5 -23, 2026                 |            | SEMESTER HOLIDAY                                       |                          |
| WEEK 1                              | 30.01.2026 | Drugs used in cardiovascular system diseases           | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 2                              | 6.02.2026  | Drugs used in respiratory system diseases              | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 3                              | 13.02.2026 | Drugs used in gastrointestinal system diseases         | Prof. Dr. Bülent GÜMÜŞEL |
| WEEK 4                              | 20.02.2026 | Drugs used in endocrine system diseases                | Prof. Dr. Bülent GÜMÜŞEL |



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|--------------------------------|-------------------|-----------------------------------------------------------------------------------------------------------|--------------------------|
| <b>WEEK 5</b>                  | <b>27.02.2026</b> | Drugs used in diabetes treatment                                                                          | Prof. Dr. Bülent GÜMÜŞEL |
| <b>WEEK 6</b>                  | <b>6.03.2026</b>  | Steroids                                                                                                  | Prof. Dr. Bülent GÜMÜŞEL |
| <b>WEEK 7</b>                  | <b>13.03.2026</b> | Drugs affecting the central nervous system                                                                | Prof. Dr. Bülent GÜMÜŞEL |
| <b>WEEK 8</b>                  | <b>20.03.2026</b> | <b>RAMADAN</b>                                                                                            |                          |
| <b>March 23 -April 3, 2026</b> |                   | <b>3rd MID-TERM EXAM WEEKS</b>                                                                            |                          |
| <b>WEEK 9</b>                  | <b>10.04.2026</b> | Nonsteroidal anti-inflammatory and analgesic drugs                                                        | Prof. Dr. Bülent GÜMÜŞEL |
| <b>WEEK 10</b>                 | <b>17.04.2026</b> | Opioid analgesics                                                                                         | Prof. Dr. Bülent GÜMÜŞEL |
| <b>WEEK 11</b>                 | <b>24.04.2026</b> | General and local anesthetics                                                                             | Prof. Dr. Bülent GÜMÜŞEL |
| <b>WEEK 12</b>                 | <b>1.05.2026</b>  | <b>PUBLIC HOLLIDAY</b>                                                                                    |                          |
| <b>WEEK13</b>                  | <b>8.05.2026</b>  | Muscle relaxant drugs                                                                                     | Prof. Dr. Bülent GÜMÜŞEL |
| <b>WEEK 14</b>                 | <b>15.05.2026</b> | The importance of vitamins and minerals for dental health, and other medications affecting dental health. | Prof. Dr. Bülent GÜMÜŞEL |

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| <b>June 01-10, 2026</b> | <b>FINAL EXAM WEEKS</b> |
| <b>June 15-19, 2026</b> | <b>MAKE-UP WEEK</b>     |