# Ankara Üniversitesi Kütüphane ve Dokümantasyon Daire Başkanlığı

**Açık Ders Malzemeleri**

Ders izlence Formu

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| Dersin Kodu ve İsmi | **PHA288 - Pharmaceutical Microbiology Practice** |
| Dersin Sorumlusu | Prof.Dr. Nurten ALTANLAR |
| Dersin Düzeyi | Bachelor's Degree |
| Dersin Kredisi | 2 |
| Dersin Türü | Compulsory |
| Dersin İçeriği | Instruments used in microbiology, using the microscope, sterilisation and disinfection, types of culture media used in microbiology, bacterial growth, bacterial colonies, detection of bacterial motility, stains and types of staining techniques, laboratory animals, bacterial identification methods, serological reactions, toxin-antitoxin reactions, complement system, blood groups, microorganisms and chemotherapeutic agents, minimum inhibitory concentration, microbiological examination of pharmaceutical products, mycobacteriaceae, the laboratory procedures for diagnosing parasites |
| Dersin Amacı | Morphological, biochemical and cultural characteristics of microorganisms, disinfection and sterilization methods, microbiological examination and antimicrobial activity controls of natural and synthetic raw materials and pharmaceutical products, serological tests |
| Dersin Süresi | 14 week |
| Eğitim Dili | English |
| Ön Koşul | None |
| Önerilen Kaynaklar | * Tim Sandle, Sterility Testing of Pharmaceutical Products (2013) ISBN Number: 1933722746 * Prahlad Singh Mehra, A Textbook of Pharmaceutical Microbiology (2011) ISBN:9789381141113 * Koneman's Color Atlas and Textbook of Diagnostic Microbiology (Color Atlas & Textbook of Diagnostic Microbiology) Sixth Edition * Stephen P. Denyer (Editor),‎ Norman A. Hodges (Editor),‎ Sean P. Gorman (Editor),‎ Brendan F. Gilmore (Editor), Hugo and Russell's Pharmaceutical Microbiology 8th Edition, Wiley-Blackwell |
| Dersin Kredisi | 2 |
| Laboratuvar | 4 hour |
| Diğer-1 |  |