**Ankara Üniversitesi
Kütüphane ve Dokümantasyon Daire Başkanlığı**

**Açık Ders Malzemeleri**

Ders izlence Formu

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| Dersin Kodu ve İsmi | FDE 204 GENERAL MICROBIOLOGY |
| Dersin Sorumlusu | Dr. Öğr. Üyesi Şeref TAĞI |
| Dersin Düzeyi | Lisans |
| Dersin Kredisi | (2, 2) 3 |
| Dersin Türü |  Compulsory |
| Dersin İçeriği | The course will focus on the brief historical background of microbiology and microscopy, eukaryotic and prokaryotic microorganisms (bacteria, fungi, parasites), and viruses; their classification, their basic biology, microbial growth, microbial metabolism, microbial genetics, control of microbial growth, the relationship of microorganisms to other living forms; with the laboratory exercises as much as in line with the topic of interest of the lectures. Each lecture will be followed by hands-on laboratory practice each week in the student microbiology lab. |
| Dersin Amacı | To teach students about general microbiology, the history of microbiology and microscopy, how to use microscope, to teach microbial cell structure, growth requirements, microbial metabolism and genetics, to give general information about fungi, protozoa and viruses, with accompanying laboratory practices for aseptic working, staining of bacterial cells with different methods, examination of fungi, sterilization methods. |
| Dersin Süresi |  2 hours course, 2 hours laboratory |
| Eğitim Dili |  English |
| Ön Koşul | None |
| Önerilen Kaynaklar | -Alcamo's Fundamentals of Microbiology, Ninth Edition (9 ed.) by Jeffrey C. Pommerville, Jones & Bartlett Publishers, Canada (2011)- Brock Biology of Microorganisms, by MT Madigan, JM Martinko, 8th Edition (International ed.), Printice Hall (1997)\* or a more recent edition -Todar's Online Textbook of Bacteriology,Kenneth Todar, University of Wisconsin <http://www.textbookofbacteriology.net/index.html> |
| Dersin Kredisi (AKTS) | National credits 3, ECTS 5 |
| Laboratuvar | 2 hours |
| Diğer-1 |  |