

Ankara Üniversitesi
Kütüphane ve Dokümantasyon Daire Başkanlığı
Açık Ders Malzemeleri

Syllabus

Course Code and Title	BIO 431 Health Microbiology
Instructor	Fadime KIRAN, Assoc. Prof.
Course Level	Bachelor's Degree
Course Credit	3.5 credit (6 ACTS)
Lecture	Elective
Course Content	<u>Theoretical Course:</u> The importance of health microbiology, Normal microbial flora of the body, Function and importance of normal microflora, Disease formation: Infection and effect of toxins, Epidemiology, Immunology and vaccination program, Classical and molecular diagnosis methods in microbiology, Person-to-person diseases: Respiratory Bacterial and Viral diseases, Sexually transmitted diseases, Animals and insects transmitted diseases, Food transmitted diseases, Water transmitted diseases
Course Goals	Understanding human normal microflora and learning microbial infections caused by pathogens, learning how to diagnose a pathogen through classical and molecular microbiological diagnostic methods, gaining the ability to apply basic techniques used in health microbiology.
Course Time	Fall (1. semester)
Language of Instruction	English
Prerequisites	None
Recommended Sources	<ol style="list-style-type: none">1) Brock Biology of Microorganisms, Madigan, Martinko and Parker, 2013. Prentice Hall.2) Medical Microbiology, Brooks, Butel and Ornston, 1991. Prentice Hall3) Microbiology, A Laboratory Manual, J. G. Cappuccino, N. Sherman. 6th edition. Pearson Education Inc, as Benjamin Cummings, 1301 Sansome St., San Francisco, ISBN 0-8053-7648-8, 2001.