

Title of the subject	: Microbiology
Subject leader	: Prof. Dr. Melinda Kovács
Prerequisite	: none
Credit	: 3
Short description of the subject	: The course covers the following topics: introduction to the main classes of microorganisms, their physiology and morphology; microbial growth and reproduction; metabolites of microorganisms and their function. Special emphasize on the role of microorganisms in animal production and environmental management, symbiotic ecosystems and microbial growth control.
Compulsory reading	: Microbiology and immunology on line. Univ. South Carolina, Medical School. http://pathmicro.med.sc.edu/book/welcome.htm
Further reading	: Todar's Online Textbook on Bacteriology. University of Wisconsin. http://www.textbookofbacteriology.net/ Hirsh, D.C., MacLachlan, N.J., Walker, R.L.: Veterinary Microbiology, 2nd Edition, 2004, Wiley-Blackwell, US