

Title	General microbiology		
Code	1MB42NAK02M		
Prerequisites			
Description	The purpose of the course is to provide detailed overview of microbial world. Basic topics in this course are: General morphology, structure and function of prokaryotic and eukaryotic microorganisms. Principles of microbial growth. Effect of environmental parameters on microbial behaviour. Main metabolic pathways and their ecological role. Communication in microorganisms. Methods applied to isolate and characterize (microscopy, biochemical test, growth monitoring) microorganisms.		
Lecturer	Dr. Kiskó Gabriella, associate professor; Dr. Kovács Mónika, assistant professor; Dr. Pomázi Andrea, associate professor		
Semester	1st, fall	Contact hours/week	1+2
Level	MSc	ECTS	3
Teaching and Learning Methods:			
Reading:	<p>Compulsory literature:</p> <p>Presentations of the lessons (provided in pdf format)</p> <p>Recommended literature:</p> <p>Brock Biology of Microorganisms (Madigan – Martinko - Stahl – Clark)</p> <p>Alcamo's Fundamentals of Microbiology (Jeffrey C. Pommerville)</p>		
Assessment:	exam		