

Module nummer	Module name	Credit points
1st Semester	3 Basic modules	
MMB1.1	Basic module "Energy Metabolism of Bacteria"	10
MMB1.2	Basic module "Molecular Genetics and Physiology of Communication in Fungi"	10
MMB1.3	Basic module "Microbial Interactions"	10
MMB1.4	Basic module „Microbiology and Molecular Biology"	10
2nd Semester	30 ECTS from the advanced modules offered	
MMB2.2	Advanced module "Biotechnology of Fermentation Processes "	10
MMB2.3	Advanced module "Degradation of Natural Products and Xenobiotics"	10
MMB2.4	Advanced module "Microbial Genetics and Molecular Biology of Fungi"	10
MMB2.5	Advanced module "Methods and Techniques in Microbial Genetics and Microbiology"	10
MMB2.7	Advanced module "Soil microbiomes and biofilms"	10
MMB2.9	Advanced module "Cell Biology and Communication in Basidiomycetes"	10
MMB2.10	Advanced module "Molecular Biology/Biotechnology/Infection Biology of Lower Eukaryotes"	10
MMB2.11	Advanced module "Molecular and Microbial Infection Biology"	5
MMB2.12	Advanced module "Immune Reactions of Humans to Microorganisms and Pathogens"	5
MMB2.13	Advanced module "Biomolecular Chemistry"	5
MMB2.14	Advanced module "Aquatic Geomicrobiology"	5
MMB2.15	Advanced module "Chemical Ecology"	5
MMB2.17	Advanced module „Translational Medical Microbiology"	5
3rd Semester	2 Modules	
MMB3.1	Project module	15
MMB3.2	Specialization module	15
4th Semester	Master thesis	
MMB4	Master thesis	30