

Graduate university study programme: **Molecular Biology**

Code	Course	ECTS
44415	Advanced Biochemistry Laboratory	5.0
60214	Algorithms and Programming	6.0
44405	Bioinformatics	5.0
60220	Bioinorganic Chemistry	5.0
63811	Biological Anthropology	4.0
83821	Biology of Senescence	4.0
60206	Biomembranes	5.0
60215	Computational Genomics	6.0
69312	Crystal Chemistry	6.0
74431	Cytoskeleton and the Cell Motility	5.0
63810	Electron Microscopy	5.0
74434	Endocrine Physiology	5.0
60204	Epigenetics	5.0
44413	Fundamentals of Biotechnology	5.0
44409	General Oncology	6.0
44403	Genetic Engineering in Biotechnology	6.0
74433	Human Evolution	3.0
60212	Human Genome	4.0
44414	Instrumental Analytical Methods II	5.0
44410	Introduction in Proteomics	5.0
60216	Machine Learning and Statistics	6.0
63896	Master's Thesis with Seminar	30.0
60218	Mathematical Foundations of Computational Biology	8.0
60209	Mechanisms of Cell Differentiation	5.0
44407	Mechanisms of Plant Development	5.0
60205	Medical Genetics	6.0
44402	Methodology of Scientific Research	3.0
44406	Molecular Biophysics	7.0
44401	Molecular Cell Biology	8.0
60201	Molecular Cytogenetics	6.0
60213	Molecular Diagnostics	6.0
44412	Molecular Plant Biology	4.0

83820	Molecular Plant Pathology	6.0
69313	Molecular Spectroscopy	6.0
44408	Molecular Virology	5.0
44400	Mutagenesis and Cancerogenesis	3.0
74432	Neurophysiology	6.0
83823	Phylogeny and Molecular Systematics	6.0
44411	Plant Bioactive Compounds	6.0
45080	Population Genetics	6.0
60219	Protein Crystallography	6.0
44404	Research Methods in Molecular Biology	10.0
60207	RNA Biology	5.0
83822	Stem Cell Biology	5.0
60217	Structural Computational Biophysics	6.0
60210	Structure and Function of Photosynthetic Membranes	5.0
60202	Subviral Infectious Molecules	4.0