



## Course planning list 2024 - 2025 for master's students in Molecular Biology

Note - the list is preliminary and adjusted to English-speaking students				Jan 2024
Please note that the prerequisites differ between the courses, and may differ from the prerequisites of the Masters's programme				
Autumn semester 2024		Spring semester 2025		
Period 1: Sep. 2 - Nov. 1	Period 2: Nov. 4 - Jan. 17	Period 1: Jan. 20 - Mar. 21	Period 2: Mar. 24 - Jun. 5	
<b>Advanced level courses</b> (offered in English unless otherwise stated)				
Bioinformatics BINP17 7,5 cr, a (former BINP11)	Ecotoxicology BIOR41, 15 cr	Cellular & Molecular Neurobiology BIOR84 15 cr	Antibiotics - Biology & Chemistry BIOR56 7.5 cr, a	
Evol. Biol.- Patterns & Processes BIOR89 15 cr	Immunology BIOR85 15 cr	DNA Sequencing Informatics I BINP28 7.5 cr, a	Applied Bioinformatics BIOR93 7.5 cr, b	
Microbiology BIOR18 15 cr	Modelling Biological Syst. BIOS13 7.5 hp, pt	DNA Sequencing Informatics II BINP29 7.5 cr, b	Evol. Biol. - Methods & Applications BIOR90 15 cr	
Molecular Genetics in Eukaryotes BIOR95 15 cr	Molecular Microbiology BIOR63 15 cr	Immunology & Infection Biology BIOR88 15 cr	Genetic Analysis BIOR92 7.5 cr, a	
Neurobiology BIOR58 15 cr	Plant Function BIOR76 15 cr	Molecular Biotechnology and Methods BIOR94 15 cr	Microscopy - Bio-Imaging BIOS08 7.5cr, b	
Programming in Python BINP16 7.5 cr, b	Processing & Anal. Biol. Data BIOS14 7.5 cr, pt	Molecular Ecology & Evolution BIOR25 15 cr	Pharmacology BIOR98 15 cr	
	Sensory Biology BIOR20 15 cr			
<b>Advanced level courses</b> offered by other departments (offered in English unless otherwise stated). Note - check the requirements carefully.				
	KEMM25 Structural Biochemistry 15 cr	BIMM25 Stem Cell Biology and Regenerative Medicine 7.5 cr, a	KEMM23 Advanced Biochemistry 15 cr	
	VMFN29 Advanced Cancer Biology (Project course) 30 cr	BIMM26 Mol and Exp Neurobiology, 7,5 cr, b	BIMM27 Metabolic diseases 7,5 cr, a	
			BIMM28 Tumor Biology 7,5 cr, b	
Project and Applied work courses of different lengths and credits are offered all periods. For programme students at the department of Biology. Ask the study advisors for information.				
Applied work	BIOF20 (7,5 cr), BIOF22 (10 cr), BIOF21 (15 cr), BIOF30 (30 cr)			
Molecular biology: Project	MOBT05 (7,5 cr), MOBT03 (15 cr), MOBT04 (30 cr)		a: offered the first part of the period	
One-year master's degree project	MOBY10 (30 cr)		b: offered the second part of the period	
Molecular Biology: MSc degree project	MOBM02 (30 cr), MOBN02 (45 cr), MOBN03 (60 cr)		pt: offered evenings and part time	