

Module title		Abbreviation
Molecular Biology F2		07-MSF2-152-m01
Module coordinator		Module offered by
degree programme coordinator Biologie (Biology)		Faculty of Biology
ECTS	Method of grading	Only after succ. compl. of module(s)
15	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Current problems in the field of molecular biology are addressed by critically reading and presenting original research papers. The participants will be involved in the development of a research plan and will learn to apply advanced techniques to answer a scientific question in molecular biology. This practical course will have a duration of 12 weeks (three months) and will prepare participants for their theses.		
Intended learning outcomes		
Students are able to independently work in a laboratory. They are able to answer and discuss questions in the field of molecular biology. Students are able to adhere to the principles of good scientific practice as well as to document, interpret and discuss their results. They are able to apply specific molecular techniques that are required to answer scientific questions.		
Courses (type, number of weekly contact hours, language — if other than German)		
P (29) + S (1) Module taught in: German and/or English		
Method of assessment (type, scope, language — if other than German, examination offered — if not every semester, information on whether module is creditable for bonus)		
a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (15 to 30 pages) or c) oral examination of one candidate each (30 to 60 minutes) or d) oral examination in groups of up to 3 candidates (30 to 60 minutes) or e) presentation (20 to 45 minutes) Language of assessment: German and/or English		
Allocation of places		
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Additional information		
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Workload		
450 h		
Teaching cycle		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Master's degree (1 major) Biology (2015) Master's degree (1 major) Biosciences (2016) Master's degree (1 major) Biosciences (2017) Master's degree (1 major) Biosciences (2018) Master's degree (1 major) Biosciences (2021) Master's degree (1 major) Biosciences (2023) Master's degree (1 major) Biosciences (2024)		

