

Module title		Abbreviation
Workshop on scientific approaches		07-MSWSA-182-m01
Module coordinator		Module offered by
chairperson of examination committee Biologie (Biology)		Faculty of Biology
ECTS	Method of grading	Only after succ. compl. of module(s)
5	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Planning of scientific projects: Choosing the right questions, selection of appropriate methods, time management and experimental setups, literature and resources, how to keep records, handling of equipment, assessment and evaluation of results incl. statistics, presentation of data, scientific writing. Besides the theoretical handling of these aspects, we will pick a current topic in field of Neurogenetics for a practical application.		
Intended learning outcomes		
The participants understand how to plan and to perform a scientific project. They are able to choose appropriate methods, to plan the experimental setup, to perform appropriate experiments, to evaluate and to analyze the results and to present and to summarize their data.		
Courses (type, number of weekly contact hours, language — if other than German)		
Ü (3) 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		
150 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) Biosciences (2018) Master's degree (1 major) Biosciences (2021) Master's degree (1 major) Biosciences (2023) Master's degree (1 major) Biosciences (2024)		