

<b>Module title</b>		<b>Abbreviation</b>
Workshop on scientific approaches		07-MSWSA-182-m01
<b>Module coordinator</b>		<b>Module offered by</b>
chairperson of examination committee Biologie (Biology)		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
5	(not) successfully completed	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
<p>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.</p>		
<b>Intended learning outcomes</b>		
<p>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.</p>		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
Ü (3) Module taught in: German and/or English		
<b>Method of assessment</b> (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
<p>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). Students will be informed about the method, length and scope of the assessment prior to the course. Language of assessment: German and/or English</p>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
150 h		
<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
<p>Master's degree (1 major) Biosciences (2018) Master's degree (1 major) Biosciences (2021) Master's degree (1 major) Biosciences (2023)</p>		