

<b>Module title</b>		<b>Abbreviation</b>
Gene Regulation and Signal Transduction		07-MGRSD-121-m01
<b>Module coordinator</b>		<b>Module offered by</b>
Dean of Studies Biologie (Biology)		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
3	(not) successfully completed	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	--
<b>Contents</b>		
In this lecture, important aspects of gene regulation and signal transduction of bacteria will be described and discussed. The lecture will discuss regulatory mechanisms on the transcriptional and post transcriptional level. Whenever appropriate, special emphasis will be placed on regulatory phenomena in pathogenic bacteria.		
<b>Intended learning outcomes</b>		
Students have gained an insight into current technologies and are able to choose the appropriate technology to solve a scientific problem.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
V (no information on SWS (weekly contact hours) and course language available)		
<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)		
a) written examination (approx. 30 to 60 minutes, including multiple choice questions) or b) oral examination of one candidate each (approx. 30 to 60 minutes) or c) oral examination in groups of up to 3 candidates (approx. 30 to 60 minutes)		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
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<b>Teaching cycle</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Master's degree (1 major) Biology (2011)		
Master's degree (1 major) Biology (2014)		
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