

<b>Module title</b>		<b>Abbreviation</b>
Microbiology 1		07-MS2M1-192-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Chair of Microbiology		Faculty of Biology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
10	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	graduate	May not be combined with 07-MS2INF-BC.
<b>Contents</b>		
Fundamentals of molecular microbiology and infection biology, mechanisms of adherence and invasion, bacterial pathogenicity factors, regulation of virulence, mechanisms of host defence and pathogen interference, current methods in infection biology.		
<b>Intended learning outcomes</b>		
The students are able to understand fundamental theories of molecular microbiology and infection biology, emergence of infectious diseases.		
<b>Courses</b> (type, number of weekly contact hours, language – if other than German)		
V (2) + S (1) 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)		
a) written examination or c) oral examination of one candidate each or d) oral examination in groups of up to 3 candidates. Students will be informed about the method, length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: a) written examination (approx. 30 to 60 minutes, also multiple choice) 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) Language of assessment: German and/or English		
<b>Allocation of places</b>		
Biochemie (Biochemistry), Master's: 15 places. Places will be allocated according to the number of subject semesters. Among applicants with the same number of subject semesters, places will be allocated by lot. A waiting list will be maintained and places re-allocated by lot as they become available.		
<b>Additional information</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) Biochemistry (2019)		