

Module title		Abbreviation
Basic Microbiology		07-GHR-MIBI-092-m01
Module coordinator		Module offered by
Dean of Studies Biologie (Biology)		Faculty of Biology
ECTS	Method of grading	Only after succ. compl. of module(s)
1	(not) successfully completed	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	Admission prerequisite to assessment: regular attendance of exercises, seminars and lab courses (weekly courses: a maximum of one incident of unexcused absence and one excused absence for a legitimate reason; fortnightly courses: one incident of unexcused absence) and successful completion of the respective exercises (required percentage as specified at the beginning of the course). The preparation of logs (10 to 15 pages) is an admission prerequisite to assessment.
Contents		
This module will discuss the prokaryotic ultrastructure with its components and their functions. Peculiarities of prokaryotes and factors that differentiate prokaryotes from eukaryotes will also be addressed. During practical exercises, students will become familiar both with important examples of bacteria and with morphological criteria for the classification of bacteria as well as the quantification of the same.		
Intended learning outcomes		
- Knowledge of the structure of prokaryotic cells. - Knowledge of the differences between prokaryotic and eukaryotic cells. - Knowledge of the specific characteristics of the intracellular structure of prokaryotes. - Familiarity with important representatives of the prokaryotic community. - Familiarity with criteria for the classification of prokaryotes based on features visible under the microscope. - Knowledge related to the growth of bacterial colonies.		
Courses (type, number of weekly contact hours, language – if other than German)		
V + Ü (no information on SWS (weekly contact hours) and course language available)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
logs (10 to 15 pages)		
Allocation of places		
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Additional information		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
§ 41 (1) 3. "Genetik oder Mikrobiologie" § 61 (1) 3. Biologie "Genetik und Mikrobiologie"		
Module appears in		
First state examination for the teaching degree Grundschule Biology (2009) First state examination for the teaching degree Hauptschule Biology (2009) First state examination for the teaching degree Realschule Biology (2009) First state examination for the teaching degree Mittelschule Biology (2013)		