Module title | Microbiology 1
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Module coordinator | holder of the Chair of Microbiology
Module offered by | Faculty of Biology
ECTS | 10
Method of grading | numerical grade
Duration | 1 semester
Module level | graduate
Other prerequisites | --

Contents
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.

Intended learning outcomes
The students are able to understand fundamental theories of molecular microbiology and infection biology, emergence of infectious diseases.

Courses
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<th>type</th>
<th>number of weekly contact hours</th>
<th>language — if other than German</th>
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Method of assessment
(a) written examination (approx. 45 to 90 minutes) or (b) oral examination of one candidate each (20 to 30 minutes) or (c) oral examination in groups of up to 3 candidates (15 to 30 minutes per candidate)
Language of assessment: German and/or English

Allocation of places
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.

Additional information
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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) Biochemistry (2015)
Master’s degree (1 major) Biochemistry (2017)