

Module title		Abbreviation
Microbial and Chemical Ecology (Practical Course and Seminar 1)		07-MS3MCÖF1-102-m01
Module coordinator		Module offered by
holder of the Chair of Pharmaceutical Biology		Faculty of Biology
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	graduate	--
Contents		
Under guidance, students will investigate a current topic in microbial and chemical ecology, e. g. mutualistic, commensal or pathogenic interactions between animal and plant hosts and microorganisms. Students will become familiar with a variety of methods within the fields of molecular ecology, microbial ecology and analytical chemistry as well as literature search techniques. They will document and discuss the results of their work in a presentation, publication or term paper.		
Intended learning outcomes		
Students have gained knowledge on experimental setups and methods used in the field of chemical ecology. They are able to design scientific research, to collect data and to interpret them statistically, adhering to the principles of good scientific practice.		
Courses (type, number of weekly contact hours, language — if other than German)		
S + P (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)		
Students will be informed about the length and scope of the assessment prior to the course. Usually, one of the following options will be chosen: a) written examination (30 to 60 minutes, including multiple choice questions) or b) log (approx. 10 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 (approx. 30 to 60 minutes) or e) presentation (20 to 45 minutes)		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle		
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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) Biology (2011)		
Master's degree (1 major) Biology (2010)		
Master's degree (1 major) Biology (2014)		