Module title:  
Fungi: One kingdom, many faces

Abbreviation:  
07-SQF-FUNGI-182-m01

Module coordinator:  
holder of the Chair of Biotechnology and Biophysics

Module offered by:  
Faculty of Biology

ECTS:  
5

Method of grading:  
umerical grade

Only after succ. compl. of module(s):  
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Duration:  
1 semester

Module level:  
undergraduate

Other prerequisites:  
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Contents:
The course provides a concise overview of fungal systematics, cell biology, fungal genetics, plant pathogenicity, medical mycology, stimulus processing, and fungi in biotechnology. In the seminar current research topics will be presented and discussed. The exercise includes the microscopy of selected fungi, cultivation and preparation of media, day excursion “mushroom” and determination of collected material. The excursion depends on weather conditions.

Intended learning outcomes:
The students are able to identify key characteristics of fungi and classify them accordingly. In addition, they possess knowledge on mushroom biology.

Courses (type, number of weekly contact hours, language — if other than German):
Ü (4)
Module taught in: German and/or English

Method of assessment (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. 45 to 60 minutes) or b) log (approx. 10 to 20 pages) or c) oral examination of one candidate each (approx. 30 minutes) or d) oral examination in groups of up to 3 candidates (approx. 20 minutes per candidate) or e) presentation (approx. 20 to 30 minutes) or f) practical examination (on average approx. 2 hours; time to complete will vary according to subject area but will not exceed a maximum of 4 hours).

Students will be informed about the method and length of the assessment prior to the course.

Language of assessment: German and/or English

creditable for bonus

Allocation of places:
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Additional information:
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Referred to in LPO I (examination regulations for teaching-degree programmes):
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Module appears in:
Bachelor’ degree (1 major) Biology (2017)
Module studies (Bachelor) Biology (2019)