Module variant to: Foundations of Biodiversity, Evolution and Ecology

Module: Fungal Biology and Ecology				
University/Department/Teaching Unit: Freie Universität Berlin/Department of Biology, Chemistry, Pharmacy/Biology				
Module coordinator: Matthias Rillig				
Prerequisites: none				
Learning objectives: After this module, students will possess in depth knowledge about the major taxonomic groups of fungi, their biology and ecology. They will have obtained detailed insights into current topics and methodologies of fungal ecological research.				
Content: A detailed insight into the biology and ecology of all major fungal groups, including hands on experience with the microscopic study of fungal specimens. Additionally, current research projects will be presented which give detailed insights into current topics and methodologies of fungal ecological research.				
Modes of instruction	**Contact hours** (hours per week during the semester)	**Types of active participation**	**Workload** (in hours)	
Seminar (S)	1	–	Class attendance (seminar) Preparation, before and after (seminar)	15 15
Practice sessions (Ü)	2	Carrying out and documenting experiments	Class attendance (practice session) Preparation, before and after (practice session) Exam preparation and exam	30 15 75
Module assessment		Written exam (60 minutes), wholly or partially in multiple-choice format; can also be carried out electronically or written report on research results (approx. 10 pages) or examination colloquium (approx. 20 minutes)		
Language		English		
Regular attendance required		yes		
Total workload		150 hours		5 credit points
Duration		one semester		
Frequency		irregular		
Applicability		Master's degree program M.Sc. Biology; Master's degree program M.Sc. Biodiversity, Evolution and Ecology		

Utilization in the following specializations (decision by the examining board):

Biodiversity, Evolution and Ecology	X
Genetics and Genomics	
Microbiology	x
Molecular- and Cellular Biology	x
Molecular Plant Sciences	
Neurobiology	
Biology	x