Module variant to: Topics in Biodiversity, Evolution and Ecology

Module: Classic topics in evolution and ecology	
University/Department/Teaching Unit: Freie Universität Berlin/Department of Biology, Chemistry, Pharmacy/Biology	
Module coordinator: Sophie Armitage & Charlotte Rafaluk-Mohr	
Prerequisites: none	
Learning objectives: After attending the module, students have in-depth knowledge of current fields of biodiversity, evolution and ecology. They will be able to carry out and present critical analyses of current issues and publications and prepare material for an interested general audience.	
Content: Through this module students will obtain a deeper insight into selected current research topics in biodiversity, evolution and ecology through attending weekly lectures presented as part of the weekly seminar series on Evolution and Ecology. The module will involve critical analysis of original research, synthesis of scientific presentations, and discussion of ideas and hypotheses with a broad range of scientists. It will result in an essay written in the style of a newspaper report.	

Modes of instruction	**Contact hours** (hours per week during the semester)	**Types of active participation**	**Work load** (in hours)	
Lecture (V)	2	–	Class attendance (lecture) Preparation, before and after (lecture)	30 15
Seminar (S)	1	Preparation of scientific work relevant to the presentation, participation in the discussion and question sections	Class attendance (seminar) Preparation, before and after (seminar) Exam preparation and exam	15 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		Seminar: yes, lecture: attendance recommended		
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	
Molecular- and Cellular Biology	
Molecular Plant Sciences	
Neurobiology	
Biology	x