

GEW-ME04 Modern Trends in Geosciences		Number of credit points (LP): 6		
Module type (mandatory or elective module)	Elective module			
Contents and qualification objectives of the module	<p>Contents This module provides an overview of rapidly evolving, emerging research topics in the geosciences, including developing multi- or interdisciplinary fields such as geomicrobiology. The focus is on current developments and regularly changing specific topics. A topical field school on a specific geoscience study topic is also proposed within this module.</p> <p>Qualification goals Students</p> <ul style="list-style-type: none"> - deepen their understanding of current research questions and emerging approaches to the study of the Earth system, and learn to analyze and interpret complex data - learn advanced application of the latest analytical methods and interpretation of complex geoscientific relationships and gain a deeper understanding of Earth system interactions 			
Module examination (number, form, scope)	An examination of the following forms: Term paper, 20 pages Written exam, 90 minutes Oral exam, 30 minutes			
Self-learning time (in time hours)	120			
Events (teaching forms)	Contact time (in semester hours)	Secondary examination (number, form, scope)		Partial module examination accompanying the course (number, form, scope)
		For the completion of the module	For admission to the module examination	
Lecture and exercise (lecture and exercise)	2V+2T	-	-	-
Frequency	Summer semester			
Prerequisite for participation in the module	None			
Teaching unit(s)	Geosciences			