

GEW-MF23 Special Topics in Mineralogy-Petrology		Number of credit points (LP): 12			
Module type (mandatory or elective module)	Advanced module				
Contents and qualification objectives of the module	<p>Contents Insights into specific areas of mineralogy, petrology, geochemistry, and related topics in the geosciences in which physicochemical processes and material properties play an important role, as well as concepts, methods, and tools based on these.</p> <p>Qualification goals Students</p> <ul style="list-style-type: none"> - gain insights into a wide range of current issues in mineralogy-petrology - deepen their knowledge of materials in complex processes in the earth system and learn to analyze data and modeling results - are able to transfer observations from the laboratory or field, information from databases and results from laboratory analyses into models and evaluate them 				
Module examination (number, form, scope)	An examination of the following forms: Oral exam, 30-45 minutes Report, max. 20 pages Portfolio examination, presentation (15 minutes) and accompanying report (max. 20 pages)				
Self-learning time (in time hours)	240				
Events (teaching forms)	Contact time (in semester hours)	Secondary examination (number, form, scope)			
		For the completion of the module	For admission to the module examination		
Lecture and seminar (lecture and seminar)	2V+2S	-	Exercises (80%)		
Lecture and seminar (lecture and seminar)	2V+2S	-	-		
Frequency	Winter semester and summer semester				
Prerequisite for participation in the module	None				
Teaching unit(s)	Geosciences				