

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	<b>Contents</b> 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.  <b>Qualification goals</b> Students <ul style="list-style-type: none"><li>- gain insights into a wide range of current issues in mineralogy-petrology</li><li>- deepen their knowledge of materials in complex processes in the earth system and learn to analyze data and modeling results</li><li>- are able to transfer observations from the laboratory or field, information from databases and results from laboratory analyses into models and evaluate them</li></ul>			
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)		Partial module examination accompanying the course (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		