

Module title		Abbreviation
Geochemistry and Geohydrology		09-GW-102-m01
Module coordinator		Module offered by
holder of the Chair of Geodynamics and Geomaterials Research		Institute of Geography and Geology
ECTS	Method of grading	Only after succ. compl. of module(s)
5	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
<p>The course "Geochemistry and Hydrologic Balance" deals with different geochemical systems, particularly in the area of the Earth's upper crust, geochemical processes that leads to changes in rocks and rearrangement of elements or element groups as well as the respective transport mechanisms. The main focus will be on aquatic processes and thus, also on common hydrogeological aspects like water cycle, water storage and problems concerning the water contamination.</p>		
Intended learning outcomes		
<p>Students possess fundamental knowledge of geochemical and hydrological processes, particularly in the Earth's upper crust, which is the basis of further studies in the area of environmental sciences and hydrogeology.</p>		
Courses (type, number of weekly contact hours, language – if other than German)		
V + Ü (no information on SWS (weekly contact hours) and course language available)		
Method of assessment (type, scope, language – if other than German, examination offered – if not every semester, information on whether module is creditable for bonus)		
written or oral examination of one candidate each or presentation (30 minutes each)		
Allocation of places		
--		
Additional information		
--		
Workload		
--		
Referred to in LPO I (examination regulations for teaching-degree programmes)		
--		
Module appears in		
Bachelor' degree (1 major) Technology of Functional Materials (2010)		