

Module title		Abbreviation
Solid Earth II		09-BFA2-072-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)
10	numerical grade	--
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
<p>Optionally, students will be allowed to attend two out of three seminars: The module component "Analysis of Geomaterials" provides students with the basics of different methods of the mineral and rock analytic. The module component "Petrology" gives an insight into the development and change of crystalline rocks, which nowadays make up a significant part of the Earth's crust and Earth's surface and deals with processes of magnetism and rock metamorphism. Microscopic observations of the most important crystalline rock types constitute an essential element. The module component "Economic Geology" deals with fundamental economic-geological principles, the classification and evaluation of raw material supply as well as exploration strategies.</p>		
Intended learning outcomes		
Students possess the required basics in the mentioned special fields shown in 10.		
Courses (type, number of weekly contact hours, language — if other than German)		
<p>This module has 3 components; information on courses listed separately for each component.</p> <ul style="list-style-type: none"> • 09-BFA2-1-072: V + Ü (no information on language and number of weekly contact hours available) • 09-BFA2-2-072: V + Ü (no information on language and number of weekly contact hours available) • 09-BFA2-3-072: S (no information on language and number of weekly contact hours 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)		
<p>This module has the following 3 assessment components. To pass the module as a whole students must pass the third assessment component and one of the remaining two.</p> <p>Assessment component to module component 09-BFA2-1-072: Analyse von Geomaterialien</p> <ul style="list-style-type: none"> • 5 ECTS credits, method of grading: numerical grade • written or oral examination of on candidate each or presentation (30 minutes) <p>Assessment component to module component 09-BFA2-2-072: Petrologie</p> <ul style="list-style-type: none"> • 5 ECTS credits, method of grading: numerical grade • written or oral examination of on candidate each or presentation (30 minutes each) <p>Assessment component to module component 09-BFA2-3-072: Wirtschaftsgeologie</p> <ul style="list-style-type: none"> • 5 ECTS credits, method of grading: numerical grade • written or oral examination of on candidate each or presentation (30 minutes each) 		
Allocation of places		
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Additional information		
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Workload		
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Referred to in LPO I (examination regulations for teaching-degree programmes)		
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Module appears in		
Bachelor' degree (1 major) Geography (2007)		

