

Module title		Abbreviation
Special Problems of Physical Geography		09-PG2-072-m01
Module coordinator		Module offered by
holder of the Chair of Physical Geography		Institute of Geography and Geology
ECTS	Method of grading	Only after succ. compl. of module(s)
10	numerical grade	two module components of 09-PG1, 09-KART, 09-FERN, 09-STAT
Duration	Module level	Other prerequisites
1 semester	undergraduate	--
Contents		
This module covers synthesis and networking of physical-geographical factors in the light of different methodical approaches and particularly on the basis of the human impact: geomorphology, climate, soil, hydro geography, global change and past global change incl. geo and ecosystem research and ecosystem prediction as well as the cycle of materials on Earth's surface.		
Intended learning outcomes		
Students are acquainted with the synthesis and interconnectedness of skills that have already been acquired concerning the processes on Earth's surface, which are dominating the landscape on Earth's surface and are driven by the geological factors rock, relief, climate, soil, water, flora and fauna. These processes determine structure, function and dynamics of the natural environment and its anthropogenic transformation (the environment that has been shaped from humans by land utilisation, settlements, transport routes etc.). Through the quantitative acquisition of current process structures, Physical Geography is not only able to derive predications for the capability and capacity of geological systems, but also to predict changes in future by analysing the development and change of geographical territories in the past. These important planning decision-making bases concerning the management as well as the sustainable use and development, are given weight to the task of Physical Geography in the practical area.		
Courses (type, number of weekly contact hours, language — if other than German)		
This module comprises 2 module components. Information on courses will be listed separately for each module component. <ul style="list-style-type: none"> • 09-PG2-1-072: V (no information on SWS (weekly contact hours) and course language available) • 09-PG2-2-072: S (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)		
Assessment in this module comprises the assessments in the individual module components as specified below. Unless stated otherwise, successful completion of the module will require successful completion of all individual assessments.		
Assessment in module component 09-PG2-1-072: Special Problems of Physical Geography 1 (Earth System: Man and environment) <ul style="list-style-type: none"> • 5 ECTS, Method of grading: numerical grade • written examination (approx. 45 minutes) Assessment in module component 09-PG2-2-072: Special Problems of Physical Geography 2 (Earth System: Man and environment) <ul style="list-style-type: none"> • 5 ECTS, Method of grading: numerical grade • presentation (approx. 30 minutes) with written elaboration (approx. 20 pages), weighted 1:1 		
Allocation of places		
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Additional information		
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Workload		
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Teaching cycle
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Referred to in LPO I (examination regulations for teaching-degree programmes)
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Module appears in
Bachelor's degree (1 major) Geography (2007) Bachelor's degree (1 major) Mathematics (2007)