

<b>Module title</b>		<b>Abbreviation</b>
Geophysics for Students of Physics and Engineering		09-BFA4-082-m01
<b>Module coordinator</b>		<b>Module offered by</b>
holder of the Professorship of Physical Geography		Institute of Geography and Geology
<b>ECTS</b>	<b>Method of grading</b>	<b>Only after succ. compl. of module(s)</b>
6	numerical grade	--
<b>Duration</b>	<b>Module level</b>	<b>Other prerequisites</b>
1 semester	undergraduate	--
<b>Contents</b>		
Introduction to "Geophysics, Physical Properties of Geomaterials, Methods of Applied Geophysics".		
<b>Intended learning outcomes</b>		
Students possess the following skills: physical key processes of the system earth, physical geomaterials science and methods of ground-based and geophysical exploration of the ground.		
<b>Courses</b> (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"> <li>• 09-BFA4-1-082: V (no information on SWS (weekly contact hours) and course language available)</li> <li>• 09-BFA4-2-082: V (no information on SWS (weekly contact hours) and course language available)</li> </ul>		
<b>Method of assessment</b> (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. <p><b>Assessment in module component 09-BFA4-1-082:</b> Introduction to Geophysics</p> <ul style="list-style-type: none"> <li>• 3 ECTS, Method of grading: numerical grade</li> <li>• term paper (approx. 3 to 5 pages)</li> </ul> <p><b>Assessment in module component 09-BFA4-2-082:</b> Methods of Applied Geophysics</p> <ul style="list-style-type: none"> <li>• 3 ECTS, Method of grading: numerical grade</li> <li>• oral examination of one candidate each (approx. 10 minutes)</li> </ul>		
<b>Allocation of places</b>		
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<b>Additional information</b>		
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<b>Workload</b>		
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<b>Referred to in LPO I</b> (examination regulations for teaching-degree programmes)		
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<b>Module appears in</b>		
Bachelor' degree (1 major) Physics (2010) Bachelor' degree (1 major) Physics (2012) Master's degree (1 major) Nanostructure Technology (2010)		