

Module title		Abbreviation
Methods of Archeometry 2		o4-Geo-Arch4-o82-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		
Students will be provided with basics of microscopy of rock and mineral thin sections under the polarisation microscope. Furthermore, different essential methods concerning chemical, mineralogical and isotopic analysis of geomaterials will be explained in detail and, as far as possible, demonstrated in the lab practically.		
Intended learning outcomes		
According to their names, both module components focus on geological materials, however, the acquired techniques are of great significance for the general material study of archaeological buildings and findings. Students have the ability to examine the thin section of rocks as well as archaeological building material, mortar, ceramic, glasses etc. under the microscope. The same applies for the analytical laboratory methods. Students are able to identify issues and methods that are adequate for certain materials. They are also able to evaluate the methodological prerequisite, the study effort and the value of the achieved results. One method or another can be applied under tutelage independently.		
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"> o4-Geo-Arch4-1-o82: Ü + V (no information on SWS (weekly contact hours) and course language available) o4-Geo-Arch4-2-o82: 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)		
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>Assessment in module component o4-Geo-Arch4-1-o82: Microscopic petrography Microscopic petrography</p> <ul style="list-style-type: none"> 5 ECTS, Method of grading: numerical grade written examination (30 minutes) or oral examination of one candidate each (30 minutes) <p>Assessment in module component o4-Geo-Arch4-2-o82: Analysis of geomaterials Analysis of geomaterials</p> <ul style="list-style-type: none"> 5 ECTS, Method of grading: numerical grade written examination (30 minutes) or oral examination of one candidate each (30 minutes) or presentation (30 minutes) 		
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's degree (1 major, 1 minor) Archaeometry (Minor, 2008)
Bachelor's degree (1 major, 1 minor) Ancient World (2008)