

**Subject card**

<b>Subject name and code</b>	Geology - laboratory, PG_00193800						
<b>Field of study</b>	Geography						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>			2026/2027		
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>			Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	1	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	2	<b>ECTS credits</b>			2.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			credit		
<b>Conducting unit</b>	Laboratory of Geomorphological Reconstructions -> Department of Geomorphology and Quaternary Geology -> Faculty of Oceanography and Geography -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Damian Moskalewicz				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	30.0	0.0	0.0	30
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	30		2.0		28.0	60
<b>Subject objectives</b>	Exercises: Acquiring the ability to macroscopically recognize minerals and rocks, learning the criteria of mineralogical and petrographic classification.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GEOGRL3-U03] can plan and conduct, independently and as part of a team, simple research in the field of geography under the supervision of a scientific advisor, based on the necessary information from professional literature and other sources	Skilled in macroscopic identification of minerals and rocks	[SU6] demonstration of practical skills
	[GEOGRL3-W06] knows advanced methods of acquiring, processing, and compiling geographic environmental data, as well as methods of analyzing and interpreting such data	Skilled in macroscopic identification of minerals and rocks	[SW4] test/exam - oral or written
	[GEOGRL3-W02] knows and understands key concepts and theories in geography, as well as advanced processes and phenomena related to spatial diversity and the distribution of processes and phenomena on the Earth's surface at various spatial scales, particularly in Poland	Skilled in macroscopic identification of minerals and rocks	[SW4] test/exam - oral or written
	[GEOGRL3-W04] has advanced knowledge of the Earth's geographical environment, understood as a unified system of interconnected and interacting components; its diversity, functioning, and dynamics of change, including the interaction of environmental components in the area of the South Baltic Coast and Lake District	Skilled in macroscopic identification of minerals and rocks	[SW4] test/exam - oral or written
Subject contents	<p>B.1. Basic concepts of mineralogy  B.2. Overview of the most important minerals and their identification based on macroscopic features  B.3. Basics of petrographic classifications  B.4. Overview of the main rock types and their characteristics (mineral composition, rock structures and textures)</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	2 tests	50.0%	100.0%
Recommended reading	Basic literature	<p>Labus M., Krzeszowska E., 2011. Praktyczne podstawy geologii ogólnej i paleontologii, Wyd. PŚ.</p> <p>Czubla P., Mizerski W., Świerczewska-Gładysz, 2005. Przewodnik do ćwiczeń z geologii, PWN.</p> <p>Chodyniecka, L., Kapuściński, T., 2001. Podstawowe metody rozpoznawania minerałów i skał, Wyd. PŚ.</p>	
	Supplementary literature	<p>Manecki, A., Muszyński, M., 2008. Przewodnik do petrografii, AGH.</p> <p>Żaba, J., 2009. Ilustrowana encyklopedia skał i minerałów, Videograf II</p>	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Describe and identify this rock		
Work placement	Not applicable		

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