University of Gdańsk

Subject card

Subject name and code	Geology - laboratory, PG_00193800						
Field of study	Geography						
Date of commencement of studies	October 2026		Academic year of realisation of subject	2026/2027			
Education level	Bachelor's studies		Subject group	Obligatory subject group in the field of study Subject group related to scientific research in the field of study			
Mode of study	full-time studies		Mode of delivery	at the university			
Year of study	1		Language of instruction	Polish			
Semester of study	2		ECTS credits	2.0			
Learning profile	academic		Assessment form	credit			
Conducting unit	Laboratory of Geomorphological Reconstructions -> Department of Geomorphology and Quaternary Geology -> Faculty of Oceanography and Geography -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Damian Moskalewicz				
	Teachers						
Lesson types	Lesson type	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						
Learning activity and number of study hours	Learning activity	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	
Subject objectives	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

B.1. Basic concepts of mineralogyB.2. Overview of the most important minerals and their identification based on macroscopic featuresB.3. Basics of petrographic classificationsB.4. Overview of the main rock types and their characteristics (mineral composition, rock structures and textures)

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	Labus M., Krzeszowska E., 2011. Praktyczne podstawy geologii ogólnej i paleontologii, Wyd. PŚ. Czubla P., Mizerski W., Świerczewska-Gładysz, 2005. Przewodnik do ćwiczeń z geologii, PWN. Chodyniecka, L., Kapuściński, T., 2001. Podstawowe metody rozpoznawania minerałów i skał, Wyd. PŚ.
Supplementary literature	Manecki, A., Muszyński, M., 2008. Przewodnik do petrografii, AGH. Żaba, J., 2009. Ilustrowana encyklopedia skał i minerałów, Videograf II
eResources addresses	

Example issues/ example questions/ tasks being completed

Describe and identify this rock

Work placement

Not applicable

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