

Subject card

Subject name and code	The basics of planisection and intersection, PG_00054163						
Field of study	Geology						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	Bachelor's studies		Subject group		Obligatory subject group 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	1		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Department of Geophysics -> Faculty of Oceanography and Geography -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Karolina Trzcińska				
	Teachers		dr Karolina Trzcińska				
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		5.0		22.0	57
Subject objectives	To acquire the ability to read geological maps, reading and calculating parameters describing the position of rock layers, and constructing simple geological cross-sections.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[GEOLL3_W01] knows and understands the basic natural phenomena and explains their course in relation to geological processes		Knows and can explain the basic processes that shape the basic types of geological structures.		[SW4] test/exam - oral or written		
	[GEOLL3_U06] is able to identify geological objects and combine them with geological processes and anthropogenic environmental transformations		Can identify basic types of geological structures and link them to geological processes.		[SU4] test/exam - oral or written		
	[GEOLL3_W03] knows and identifies paleontological, mineralogical, petrographic and structural objects using appropriate methods		Knows and recognizes basic tectonic structures on maps and in cross sections.		[SW4] test/exam - oral or written		
	[GEOLL3_W02] knows and understands the terminology appropriate in science and natural sciences		Understands the basic terminology used in describing geological structure and the orientation of layers.		[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion		
	[GEOLL3_U02] has the skill of analytical and synthetic way of reasoning leading to correct inference based on the results obtained or the facts presented		Can conclude about deeper structures based on geologic map.		[SU4] test/exam - oral or written		
Subject contents	Recognizing simple tectonic formations. Reading a geologic map. Creating cross sections and geological sketches.						

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	test	51.0%	50.0%
	test2	51.0%	50.0%
Recommended reading	Basic literature	Labus M., Labus K. 2008. Podstawy geologii strukturalnej i kartografii geologicznej	
	Supplementary literature	Jaroszewski W. 1978. Przewodnik do ćwiczeń z geologii dynamicznej. Wydawnictwa Geologiczne	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Sketch the geologic cross section marked A-A' on the geologic map.		
Work placement	Not applicable		

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