

Subject card

Subject name and code	Computer techniques in geology I - exercises, PG_00054164						
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		1.0		
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 Agnieszka Kubowicz				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	15.0	0.0	0.0	15
	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	15		5.0		10.0	30
Subject objectives	To introduce the student to computer software and its skillful use.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[GEOLL3_U04] is able to use specialized computer software and mathematical and statistical methods in the analysis of geological data		is able to use the Office package, use mathematical and statistical methods to present and analyze geological data		[SU2] presentation/project/paper/report [SU5] implementation of a problem task		
	[GEOLL3_W06] knows statistical and IT tools as well as the principles of preparing engineering and geological documentation and cartographic materials		knows computer tools and statistical techniques for preparing geological reports		[SW2] presentation/project/paper/report [SW5] implementation of a problem task		
Subject contents	Use of MS Office to prepare geological materials and data.						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	arithmetic mean of the grades of the partial works (presentation, problem-based task)		51.0%		100.0%		
Recommended reading	Basic literature		Jaronicki A. 2008, ABC MS Office 2007 PL. Helion, s. 344				
	Supplementary literature		-				
	eResources addresses						
Example issues/ example questions/ tasks being completed	Statistical calculations and graphical presentation of geological data in Excel						
Work placement	Not applicable						

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