University of Gdańsk

Subject card

Subject name and code	Computer techniques in geology I - laboratory classes, PG_00193060		
Field of study	Geology		
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	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	2.0	8.0	25

Subject objectives

To introduce the student to computer software and its skillful use.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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
[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

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

Document generated electronically. Does not require a seal or signature.