University of Gdańsk

Subject card

Subject name and code	Geomorphology - laboratory, PG_00193820						
Field of study	Geography						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2027/2028		
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	2		Language of instruction		Polish		
Semester of study	3		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 hab. Piotr Woźniak, prof. UG				
	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		18.0	50
Subject objectives	Learning the general laws governing the genesis and evolution of the Earth's surface relief, especially the area of Poland and Pomerania; recognizing basic geomorphological forms and processes, determining the conditions and factors responsible for the formation of specific types of relief, indicating the directions of relief evolution.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[GEOGRL3-U05] can use scientific language and express opinions and discuss topics related to geography in Polish and a foreign language	Uses correct geomorpholocal terminology.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU4] 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	Knows the laws governing the genesis and evolution of the Earth's surface relief in different climatic conditions.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/ report
[GEOGRL3-U01] can dentify and analyze basic natural and socio-economic processes and phenomena, analyze their causes and course, and formulate and discuss basic issues concerning physical-geographical conditions and the social, economic, and political situation and their changes on various spatial scales	Indicates the geomorphological processes responsible for the genesis of specific landforms	[SU2] presentation/project/paper/ report [SU4] test/exam - oral or written
[GEOGRL3-K02] is prepared to bear full responsibility for the actions taken actions and adhere to the principles of professional ethics and principles of intellectual honesty, is aware of the importance of a professional approach in professional life professional life	Is able to independently prepare a report on the analysis of a given issue and complete a passing test.	[SK8] observation of student's independent or team work

Subject contents

1. Morphological analysis of topographic and bathymetric maps.
2. Geological cross-sections.
3. Structural geomorphology.
4. Quaternary stratigraphy.
5. Lithofacial profiles and directional structures.
6. Analysis of selected landforms.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
oral presentation	51.0%	5.0%
reports	51.0%	60.0%
test	51.0%	35.0%

Recommended reading

Basic literature

Allen P. A., 2000, Procesy kształtujące powierzchnię Ziemi, PWN, W-wa.

Klimaszewski M., 1978, Geomorfologia, PWN W-wa.

Lindner L. red., 1992, Czwartorzęd, Wyd. PAE, W-wa.

Migoń P., 2006, Geomorfologia, PWN, W-wa.

Mycielska-Dowgiałło E. i Rutkowski J. red., 2007, Badania cech teksturalnych osadów czwartorzędowych..., Wyd SWPR, W-wa.

Rychling A. (red.), 1993, Metody szczegółowych badań geografii fizycznej, PWN, W-wa.

Tobolski K., 2000, Przewodnik do oznaczania torfów i osadów jeziornych, PWN, W-wa.

	Supplementary literature	Labus M., Labus K., 2012, Podstawy geologii strukturalnej i kartografii geologicznej, 1-200. Mycielska-Dowgiałło E. i Rutkowski J. red., 2007, Badania cech teksturalnych osadów czwartorzędowych..., Wyd SWPR, W-wa. Rychling A. (red.), 2006, Geograficzne badania środowiska przyrodniczego, PWN, Warszawa. Rychling A. (red.), 1993, Metody szczegółowych badań geografii fizycznej, PWN, Warszawa. Stankowski W., 1996, Wstęp do geologii kenozoiku, UAM Poznań.
	eResources addresses	
Example issues/ example questions/ tasks being completed	Explain what is (...), explain its genesis. Create a hypsometric profile from a hypsometric map. Analyse the genesis of the relief of the indicated fragment of Poland and present the conclusions in the form of an oral presentation.	
Work placement	Not applicable	

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