

Subject card

Subject name and code	Geomorphology - laboratory, PG_00119888						
Field of study	Geography						
Date of commencement of studies	October 2025		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	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				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	20.0	0.0	0.0	20
	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	20		8.0		25.0	53
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-W02] key concepts in geography and theories on spatial variation and distribution of processes and phenomena on the Earth's surface	Knows the laws governing the genesis and evolution of the Earth's surface in different climatic conditions.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/report
	[GEOGRL3-W07] on advanced level methods of acquiring data on the natural and anthropogenic environment, including operation of specialized equipment	Can prepare a report on the analysis of given issue.	[SW2] presentation/project/paper/report
	[GEOGRL3-U08] use scientific language and express themselves and discuss topics concerning geographic issues in Polish and in a foreign language	Uses correct geomorphological terminology.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU4] test/exam - oral or written
	[GEOGRL3-U05] find and select the necessary information from professional literature and other sources, including electronic sources	Can prepare a description of a selected research method used in geomorphology.	[SU4] test/exam - oral or written
	[GEOGRL3-U01] identify and analyze basic natural and socio-economic processes and phenomena and analyze their causes and course	Indicates geomorphologic processes responsible for selected landforms' formation.	[SU2] presentation/project/paper/report [SU4] test/exam - oral or written
	[GEOGRL3-U06] apply methods and research tools of geographic sciences, including conducting observations and field measurements, and assess their suitability for the tasks in which the application objective of geography can be achieved	Can prepare a report on the analysis of given issue.	[SU2] presentation/project/paper/report
	[GEOGRL3-W05] Has advanced knowledge of the environment Earth's geographic environment, understood as a unified system of interrelated and interacting each other's components; its diversity, functioning and dynamics of change, including the mutual interaction of environmental components in the area of South Baltic Coastal and Lake Districts	Knows the laws governing the genesis and evolution of the Earth's surface.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion
	[GEOGRL3-K02] 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	Can prepare a report on the analysis of given issue and complete a final test on their own.	[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
	test	51.0%	35.0%
	reports	51.0%	60.0%
	oral presentation	51.0%	5.0%
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.	
Recommended reading	Supplementary literature	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.	
		Labus M., Labus K., 2012, Podstawy geologii strukturalnej i kartografii geologicznej, 1-200.	
Recommended reading	eResources addresses	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.	
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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