

Subject card

Subject name and code	Geomorphology - field training, PG_00120138						
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 Optional subject group 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	4		ECTS credits		3.0		
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	24.0	0.0	0.0	0.0	24
	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	24		20.0		35.0	79
Subject objectives	Introduction to planning and independent basic geomorphological field surveys (related to drilling and documentation of outcrops).						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GEOGRL3-U07] use geoinformatics techniques and simple statistical tools and methods of spatial analysis to determine relationships between a variety of variables specific to the geographic environment and present the results of the analyses performed	Uses geoinformatics techniques and simple statistical tools to develop the results of geomorphological field research.	[SU2] presentation/project/paper/report
	[GEOGRL3-W03] in an advanced degree the processes and phenomena occurring in the natural environment of the Earth, with particular emphasis on the processes and phenomena occurring on the territory of Poland, especially the Coastal and South Baltic Lake Districts	Recognizes, distinguishes and characterizes sediments of basic sedimentary environments; recognizes and describes landforms in the field.	[SW2] presentation/project/paper/report [SW3] text preparation/written work
	[GEOGRL3-W07] on advanced level methods of acquiring data on the natural and anthropogenic environment, including operation of specialized equipment	Knows the basic types of equipment for geological drilling and measurements and distinguishes the use of this equipment in specific geomorphological situations.	[SW4] test/exam - oral or written
	[GEOGRL3-W08] at an advanced level methods and principles development of data on the natural and anthropogenic environment, and methods of their analysis and interpretation	Knows the basic methods and rules of processing the results of geomorphological field research.	[SW4] test/exam - oral or written [SW2] presentation/project/paper/report
	[GEOGRL3-U04] plan and carry out, independently and in a team, a simple research procedure in the field of geographical sciences under the guidance of a scientific supervisor	Plans and conducts simple field geomorphological surveys.	[SU2] presentation/project/paper/report
	[GEOGRL3-U01] identify and analyze basic natural and socio-economic processes and phenomena and analyze their causes and course	Identifies the basic types of sediments and landforms and indicates the processes responsible for their genesis.	[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	Selects equipment for drilling and geological measurements for a specific geomorphological setting.	[SU2] presentation/project/paper/report [SU4] test/exam - oral or written
	[GEOGRL3-K03] work in a group and perform various roles in it, take care of the entrusted equipment and the safety of themselves and others	Actively cooperates with the group during fieldwork and data processing, applies the basic principles of occupational health and safety.	[SK4] test/exam - oral or written [SK8] observation of student's independent or team work
Subject contents	1. Planning of fieldwork 2. Methodology of performing and description of geological outcrops and geological drilling 3. Description of structural and textural features of sediments in the field 4. Geomorphological mapping		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	reports from fieldworks	51.0%	60.0%
	test	51.0%	40.0%

Recommended reading	Basic literature	Allen P.A., 2000, Procesy kształtujące powierzchnię Ziemi, PWN, Warszawa. Jaroszewski W., 1986, Przewodnik do ćwiczeń z geologii dynamicznej, Wyd. Geologiczne, Warszawa. Lindner L. (red.), 1992, Czwartorzęd. Osady. Metody badań. Stratygrafia, Wyd. PAE, Warszawa. Migoń P., 2006, Geomorfologia, PWN, Warszawa. Mycielska-Dowgiałło E., Rutkowski J. (red.), 1995, Badania osadów czwartorzędowych. Wybrane metody, interpretacja wyników, WGiSR UW, Warszawa. Tobolski K., 2000, Przewodnik do oznaczania torfów i osadów jeziornych, Wyd. Nauk. PWN, Warszawa
	Supplementary literature	It depends on the region in which the field courses are carried out - studies describing the relief and palaeogeography of the region.
	eResources addresses	
Example issues/ example questions/ tasks being completed	How to distinguish till from clay macroscopically? Name the 2 types of connecting of the manual drilling equipment used during the field courses. Develop a geological cross-section of a peatland based on your own geological drilling results.	
Work placement	Not applicable	

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