

**Subject card**

<b>Subject name and code</b>	Conditions of Geomorphological Diversity in Northern Poland - lecture, PG_00194277						
<b>Field of study</b>	Geography						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>			2028/2029		
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>			Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	3	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	5	<b>ECTS credits</b>			2.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			credit		
<b>Conducting unit</b>	Laboratory of Geomorphological Reconstructions -> Department of Geomorphology and Quaternary Geology -> Faculty of Oceanography and Geography -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	Subject supervisor		dr Karol Tylmann				
	Teachers						
<b>Lesson types</b>	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	20.0	0.0	0.0	0.0	0.0	20
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	20		2.0		28.0	50
<b>Subject objectives</b>	To know the main elements of the geological structure of northern Poland; To know the main factors influencing the relief of Poland today and in the past; To understand the geomorphological processes taking place today; To be able to recognise, describe, correctly, independently analyse and indicate possible changes in the elements of the geomorphological environment occurring through natural processes and as a result of human activity.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GEOGRL3-W03] advanced knowledge of social, economic, and political diversity in the world, as well as the social, economic, and political characteristics of countries and regions, especially northern Poland and the Pomeranian Province; understanding of socio-economic changes taking place in the modern world	To know the main factors influencing the relief of Poland today and in the past	[SW4] test/exam - oral or written
	[GEOGRL3-W06] advanced methods of acquiring, processing, and compiling geographic environmental data, as well as methods of analyzing and interpreting such data	To understand the geomorphological processes taking place today	[SW4] test/exam - oral or written
	[GEOGRL3-W05] knows the interactions between the natural and anthropogenic environments on various spatial and temporal scales, with particular emphasis on the processes and phenomena occurring in the area of the South Baltic Coast and Lake District and the conditions of these interactions	Is fluent in geographical issues, including those involving geomorphological processes	[SW4] test/exam - oral or written
	[GEOGRL3-W01] has an advanced knowledge of the specifics of geography as a discipline integrating knowledge from various fields, its origins and development, as well as the specifics of geographical sciences, their internal structure, subject of research, and place in the system of sciences	Is fluent in geography, including geomorphological processes	[SW4] test/exam - oral or written
Subject contents	<p>Geology of the Baltic Sea Basin</p> <p>Pre-Pleistocene relief of Northern Poland</p> <p>Geological structure of Northern Poland</p> <p>Influence of Pleistocene glaciations on relief</p> <p>Development of lake districts of Northern Poland in the Holocene</p> <p>Development of main rivers of northern Poland</p> <p>Development of the coasts of the Southern Baltic</p> <p>Human impact on the relief of Northern Poland</p>		
Prerequisites and co-requisites	-		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Written credit with open-ended questions	51.0%	100.0%

Recommended reading	Basic literature	<p>Lindner L. red., 1992, Czwartorzęd, Wyd. PAE, Warszawa.</p> <p>Mizerski W., 2009, Geologia Polski, PWN, Warszawa.</p> <p>Mojski J.E., 2005, Ziemie Polski w czwartorzędzie, PIG, Warszawa.</p> <p>Stupnicka E., 2007, Geologia regionalna Polski, Wyd. Uniw. Warszawskiego, Warszawa.</p>
	Supplementary literature	<p>Allen P. A., 2000, Procesy kształtują powierzchnię Ziemi, Wyd. PWN, Warszawa.</p> <p>Migoń P., Jancewicz K. (eds.), 2024, Landscapes and Landforms of Poland. Springer.</p>
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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