

**Subject card**

<b>Subject name and code</b>	Regional geology of Poland - lecture, PG_00191400						
<b>Field of study</b>	Geology						
<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		
<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>	6	<b>ECTS credits</b>			3.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			exam		
<b>Conducting unit</b>	Laboratory of Marine Geology -> Department of Chemical Oceanography and Marine Geology -> Faculty of Oceanography and Geography -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Marzenna Stempień-Szałek				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	40.0	0.0	0.0	0.0	0.0	40
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	40		1.0		34.0	75
<b>Subject objectives</b>	<p>Introduction of students to the geological structure of Poland (Paleozoic, Mesozoic, and Cenozoic geological-structural units) and adjacent areas as a result of lithospheric evolution.</p> <p>Acquisition of skills to link lithological formations with paleogeographical changes that occurred in geological history.</p> <p>Understanding the geological development of distinct geological units of Poland.</p>						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GEOLL3_U05] can reconstruct the history of geological development of selected regions in Poland and in the world on the basis of maps, cross-sections and exposures in the field	The students will acquire the ability to reconstruct the geological development history of selected regions in Poland and worldwide using maps, geological cross-sections, and field studies.	[SU4] test/exam - oral or written
	[GEOLL3_W05] knows the structure and geological development of selected regions in Poland and in the world	Students will be acquainted with the geological structure and development of selected regions in Poland and around the world.	[SW4] test/exam - oral or written
	[GEOLL3_U02] has the skill of analytical and synthetic way of reasoning leading to correct inference based on the results obtained or the facts presented	Students will acquire comprehensive knowledge about the geological structure of Poland and adjacent areas, understand the processes of geological development in these regions, and develop analytical and synthetic thinking skills, enabling them to draw accurate conclusions based on available data.	[SU4] test/exam - oral or written
	[GEOLL3_K03] is willing to exercise caution and criticism in receiving information from scientific literature, the Internet and other media related to natural sciences	Students will develop the skill of exercising caution and critical thinking in the process of assimilating information from scientific literature, the Internet, and other media pertaining to natural sciences.	[SK4] test/exam - oral or written
	[GEOLL3_W04] knows and understands phenomena and processes occurring in the past and today in the interior of the Earth and on its surface, defines the methods of how to study them	Students will master the mechanisms of geological phenomena occurring within the Earth's interior and on its surface, as well as the methods used to study these phenomena.	[SW4] test/exam - oral or written
	[GEOLL3_U03] is able to use source information in Polish and English, including archival and electronic databases, in the field of geological issues	Students will be able to utilize source information, such as archival and electronic databases (in the field of geological issues), in both Polish and English languages.	[SU4] test/exam - oral or written
[GEOLL3_W02] knows and understands the terminology appropriate in science and natural sciences	Students will be familiar with and understand the terminology specific to the exact and natural sciences, using it to support the analysis and interpretation of geological data.	[SW4] test/exam - oral or written	
Subject contents	<p>Geological regionalization fundamentals.</p> <p>Geological structure of Poland in the context of Europe and the world.</p> <p>Structural-geological units of individual structural floors in Poland (1. Precambrian, 2. Paleozoic, 3. Mesozoic, 4. Cenozoic).</p> <p>Distribution of the most important mineral resources of Poland in relation to its geological structure.</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	exam	51.0%	100.0%
Recommended reading	Basic literature	<p>Stupnicka E., Stempień-Sałek M. 2016, 2019. Geologia regionalna Polski, Wyd. Uniwersytetu Warszawskiego, Warszawa</p> <p>Żelaźniewicz A. i in., 2011. Regionalizacja tektoniczna Polski. Komitet Nauk Geologicznych PAN</p> <p>Budowa geologiczna Polski. 1990 (tomy Stratygrafia i tektonika) Wyd. PiG-PiB</p>	
	Supplementary literature	Geological Review, monthly, PiG-PIB Publications	

	eResources addresses	
Example issues/ example questions/ tasks being completed	The phenomenon of inversion and the formation of the Mid-Polish Anticlinorium (Mid-Polish Anticlinorium) Anticlinorium)	
Work placement	Not applicable	

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