

**Subject card**

<b>Subject name and code</b>	Regional geology of Poland - exercises, PG_00091127						
<b>Field of study</b>	Geology						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>			2026/2027		
<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>			2.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			credit		
<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-Sałek				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	<b>SUM</b>
	<b>Number of study hours</b>	0.0	0.0	15.0	0.0	0.0	15
	E-learning hours included: 0.0						
	Additional information: laboratory exercises						
<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	<b>SUM</b>
	<b>Number of study hours</b>	15		25.0		15.0	55
<b>Subject objectives</b>	Acquisition of skills in preparing and presenting brief geological reports on the geological-structural units of Poland.						
	Acquisition of skills in creating simple geological cross-sections through selected geological-structural units of Poland.						

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	Students will master the ability to reconstruct the geological history of structural- geological units using maps and cross-sections.	[SU2] presentation/project/paper/report [SU5] implementation of a problem task [SU8] observation of student's independent or team work
	[GEOLL3_W01] knows and understands the basic natural phenomena and explains their course in relation to geological processes	Students will know and understand the appropriate terminology in the physical and natural sciences, using it to support the analysis and interpretation of geological data.	[SW5] implementation of a problem task
	[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 ability to critically evaluate information from the internet, scientific literature, and other media.	[SK2] presentation/project/paper/report
	[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 master the ability to use geological source information in both Polish and English.	[SU8] observation of student's independent or team work
	[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 acquire the ability to correlate the geological structure of a given unit with the geological processes occurring on Earth and the methods for studying these processes.	[SW1] oral statement/conversation/discussion
	[GEOLL3_W03] knows and identifies paleontological, mineralogical, petrographic and structural objects using appropriate methods	The ability to use identified index fossils and mineralogical and petrographic data to determine the geological structure of a given unit.	[SW2] presentation/project/paper/report
	[GEOLL3_U06] is able to identify geological objects and combine them with geological processes and anthropogenic environmental transformations	The ability to correlate the geological structure of a given unit with the geological processes occurring in its area.	[SU2] presentation/project/paper/report
	[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 master the ability to draw accurate conclusions based on geological data.	[SU5] implementation of a problem task [SU8] observation of student's independent or team work
	[GEOLL3_W05] knows the structure and geological development of selected regions in Poland and in the world	Students will understand the structure and geological history of structural-geological units of Poland.	[SW2] presentation/project/paper/report [SW3] text preparation/written work [SW5] implementation of a problem task
[GEOLL3_W02] knows and understands the terminology appropriate in science and natural sciences	Students will know and understand geological terminology.	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report	
Subject contents	<p>Geological Units of Poland in the context of European Structures</p> <p>Paleogeographic development of individual Geological Units of Poland</p> <p>Stratigraphy, lithological characteristics, and occurrence of Index fossils in individual Units</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	grades for delivering presentations	51.0%	50.0%
	grades for creating geological cross-sections	51.0%	50.0%

Recommended reading	Basic literature	<p>Stupnicka, E., Stempień-Sałek, M. 2016, 2019. <i>Regional Geology of Poland</i>, University of Warsaw Press, Warsaw.</p> <p>Żelaźniewicz, A., et al., 2011. <i>Tectonic Regionalization of Poland</i>, Committee of Geological Sciences, Polish Academy of Sciences.</p> <p>Budowa geologiczna Polski. 1990 (tomy Stratygrafia i tektonika) Wyd. PiG-PiB</p>
	Supplementary literature	Przegląd Geologiczny, monthly journal, PiG-PIB Publications
	eResources addresses	
Example issues/ example questions/ tasks being completed	Drawing a geological cross-section across the Polish part of the East European Craton along the designated line.	
Work placement	Not applicable	

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