University of Gdańsk

Subject card

Subject name and code	Regional geology of Poland - exercises, PG_00091127		
Field of study	Geology		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2027/2028
Education level	Bachelor's studies	Subject group	Obligatory subject group in the field of study
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	3	Language of instruction	Polish
Semester of study	6	ECTS credits	2.0
Learning profile	academic	Assessment form	credit
Conducting unit	Laboratory of Marine Geology -> Department of Chemical Oceanography and Marine Geology -> Faculty of Oceanography and Geography -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Marzenna Stempień-Sałek	
	Teachers		

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	15.0	0.0	0.0	15
	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	15	25.0	15.0	55

Subject objectives	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_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
[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_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_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_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_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_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_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_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_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

Subject contents

Geological Units of Poland in the context of European Structures

Paleogeographic development of individual Geological Units of Poland

Stratigraphy, lithological characteristics, and occurrence of Index fossils in individual Units

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
grades for creating geological cross-sections	51.0%	50.0%
grades for delivering presentations	51.0%	50.0%

Recommended reading	Basic literature	Stupnicka, E., Stempien-Sałek, M. 2016, 2019. *Regional Geology of Poland*, University of Warsaw Press, Warsaw. Żelaźniewicz, A., et al., 2011. *Tectonic Regionalization of Poland*, Committee of Geological Sciences, Polish Academy of Sciences. Budowa geologiczna Polski. 1990 (tomy Stratygrafia i tektonika) Wyd. PiG-PiB
	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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