

**Subject card**

Subject name and code	, PG_00120930						
Field of study	Geology						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2026/2027		
Education level	Bachelor's studies	Subject group			Optional subject group		
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			1.0		
Learning profile	academic	Assessment form			credit		
Conducting unit	Department of Geophysics -> Faculty of Oceanography and Geography -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Robert Sokołowski				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	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		7.0		10.0	32
Subject objectives	To familiarise students with the specifics of marine mapping surveys, to present the methodology of marine geological mapping, the use of non-invasive survey methods, the preparation of geological maps of the marine dan, application for scientific and application purposes.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[GEOLL3_W06] knows statistical and IT tools as well as the principles of preparing engineering and geological documentation and cartographic materials		Is familiar with statistical and information technology tools and with the principles for producing marine cartographic material		[SW4] 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		Knows and understands past and present seabed phenomena and processes, defines methods of their study		[SW4] test/exam - oral or written		
	[GEOLL3_W05] knows the structure and geological development of selected regions in Poland and in the world		Knows the structure and geological development of marine areas in Poland and worldwide		[SW4] test/exam - oral or written		
	[GEOLL3_W02] knows and understands the terminology appropriate in science and natural sciences		Knows and understands terminology specific to marine geological mapping		[SW4] test/exam - oral or written		

Subject contents	<p>Terminology used in marine geological cartography.</p> <p>Methodology and specifics of marine geological cartography.</p> <p>Sources of information and design of marine cartographic surveys.</p> <p>Use of non-invasive methods of seabed surveys.</p> <p>Surface and depth maps of the seabed.</p> <p>Analysis of bathymetric and seismoacoustic data of the seabed.</p> <p>Delineation of geological units and boundaries.</p> <p>The role of marine cartography in scientific research and applied applications.</p>											
Prerequisites and co-requisites												
Assessment methods and criteria	<table border="1" data-bbox="448 779 1485 853"> <thead> <tr> <th data-bbox="448 779 798 815">Subject passing criteria</th> <th data-bbox="798 779 1141 815">Passing threshold</th> <th data-bbox="1141 779 1485 815">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="448 815 798 853">Written pass</td> <td data-bbox="798 815 1141 853">51.0%</td> <td data-bbox="1141 815 1485 853">100.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Written pass	51.0%	100.0%			
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Example issues/ example questions/ tasks being completed	Main methods of seabed mapping											
Work placement	Not applicable											

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