University of Gdańsk

Subject card

Subject name and code	Coastal Geodynamics - laboratory , PG_00205017						
Field of study	Oceanography						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2027/2028		
Education level	Master's studies		Subject group		Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		2.0		
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 hab. Leszek Łęczyński, prof. UG				
	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		1.0		34.0	50
Subject objectives	Introduction to the terminology of processes and conditions of coastal formation on the sea coast.						

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<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[OCEANMU2-W01] knows and understands in-depth specialized terminology used in oceanography and related sciences (in Polish and a selected foreign language)</td><td>He/she knows and understands specialist terminology in oceanography and related sciences (in Polish and a selected foreign language) relevant to coastal geodynamics.</td><td>[SW3] text preparation/written work</td></tr>
<tr><td>[OCEANMU2-U02] is able to fluently and accurately use scientific terminology when presenting and discussing oceanographic issues, and to propose and justify innovative solutions</td><td>Be able to use scientific terminology fluently and appropriately in presenting and discussing problems in oceanography in the field of coastal geodynamics in presenting and discussing problems concerning it</td><td>[SU3] text preparation/written work</td></tr>
<tr><td>[OCEANMU2-U05] is able to use source information in Polish and a chosen foreign language, including archival and electronic databases, within the field of oceanography; critically analyzes and synthesizes information, and is capable of performing critical interpretation and synthesis of data</td><td>The student can use source information, in Polish and a selected foreign language, including archival and electronic databases, in the field of oceanography; he can analyze and synthesize information concerning the problems of oceanography critically.</td><td>[SU3] text preparation/written work</td></tr>
<tr><td>[OCEANMU2-W02] knows and understands complex processes and phenomena occurring in the marine environment, with particular emphasis on the coastal zone, as well as complex relationships between living and non-living elements of the aquatic environment</td><td>Understands and understands, to a deeper degree, the complex processes and phenomena taking place in the marine environment with particular emphasis on the coastal zone and the complex interrelationships between animate and inanimate elements of the aquatic environment.</td><td>[SW3] text preparation/written work</td></tr>
<tr><td>[OCEANMU2-U04] is ready to develop in an analytical and synthetic way
research and analysis results and based on them creating conclusions</td><td>Can analytically and synthetically process the results of research and analysis and, based on this, make correct conclusions in the field of coastal geodynamics</td><td>[SU3] text preparation/written work</td></tr>
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<tr><td>Subject contents</td><td>The use of aerial photo interpretation for shoreline geodynamic characterisation.Principles of shoreline geodynamic mapping.Methods for assessing the stability of cliff shores.Characterisation of standard lithological features of coastal zone sediments.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>No</td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>evaluation of the project work</td><td>51.0%</td><td>100.0%</td></tr>
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<tr><td>Recommended reading</td><td>
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<tr><td>Basic literature</td><td>-</td></tr>
<tr><td>Supplementary literature</td><td>-</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td>-</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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