University of Gdańsk

Subject card

Subject name and code	Coastal Geodynamics - laboratory , PG_00204979		
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	9.0	25

Subject objectives	Introduction to the terminology of processes and conditions of coastal formation on the sea coast.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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	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.	[SW3] text preparation/written work
[OCEANMU2-W01] knows and understands in-depth specialized terminology used in oceanography and related sciences (in Polish and a selected foreign language)	He/she knows and understands specialist terminology in oceanography and related sciences (in Polish and a selected foreign language) relevant to coastal geodynamics.	[SW3] text preparation/written work
[OCEANMU2-U02] is able to fluently and accurately use scientific terminology when presenting and discussing oceanographic issues, and to propose and justify innovative solutions	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	[SU3] text preparation/written work
[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	He/she can use source information, in Polish and a selected foreign language, including archival and electronic databases, in the field of oceanography; he/she carries out a critical analysis and synthesis of information concerning the problems of coastal geodynamics.	[SU3] text preparation/written work
[OCEANMU2-U04] is ready to develop in an analytical and synthetic way research and analysis results and based on them creating conclusions	Can analytically and synthetically process the results of research and analysis and, based on this, make correct conclusions in the field of coastal geodynamics	[SU3] text preparation/written work

Subject contents

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.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
evaluation of the project work	51.0%	100.0%

Recommended reading

Basic literature	-
Supplementary literature	-
eResources addresses	

Example issues/ example questions/ tasks being completed

-

Work placement

Not applicable

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