University of Gdańsk

Subject card

Subject name and code	Field Classes at Sea and in the Coastal Zone, PG_00204915						
Field of study	Oceanography						
Date of commencement of studies	October 2026		Academic year of realisation of subject		2026/2027		
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	1		Language of instruction		Polish		
Semester of study	2		ECTS credits		3.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Faculty of Oceanography and Geography -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Anna Dziubińska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	60.0	0.0	0.0	0.0	60
	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	60		2.0		13.0	75
Subject objectives	Developing and improving student skills in interdisciplinary research at sea using advanced scientific tools and methods. Practice of cooperation in a research team in planning, performing and developing research on marine ecosystems in the field of biological oceanography.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[OCEANMU2-W03] has an in-depth understanding of research methods used in oceanography and related sciences, and interprets their mechanisms and interrelationships across different spatial and temporal scales	Knows and understands, at an advanced level, the research methods used in biological oceanography and related sciences.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
[OCEANMU2-K01] is ready to plan, implement and supervise, individually or collectively, next stages of the entrusted task, is ready to take responsibility for its results;	Ready to plan, carry out, and supervise, individually or as part of a team, subsequent stages of fieldwork and the analysis of the data obtained. He is ready to take responsibility for the results of the work conducted and to perform various roles within a team conducting research in the field of marine biology.	[SK1] oral statement/conversation/ discussion [SK8] observation of student's independent or team work
[OCEANMU2-W08] knows and understands safety and hygiene rules oceanographer's work in the laboratory, in the sea and in the costline zone and on the ship	knows and understands the occupational health and safety rules for biological oceanographer in the laboratory, at sea and in the coastal zone, as well as on board a vessel.	[SW1] oral statement/ conversation/discussion
[OCEANMU2-U11] is able to work individually and cooperate in laboratory and field groups, performs various functions in them, including managerial ones, performs various assigned tasks	Able to work individually and to collaborate within laboratory and field teams conducting studies of marine ecosystems, taking on various roles within them.	[SU1] oral statement/conversation/ discussion [SU6] demonstration of practical skills [SU8] observation of student's independent or team work
[OCEANMU2-U04] is ready to develop in an analytical and synthetic way research and analysis results and based on them creating conclusions	Able to analyse and synthesise research results and, on their basis, draw correct conclusions in the context of the functioning of marine ecosystems.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
[OCEANMU2-W05] knows and understands the principles of planning and conducting field and laboratory research as well as advanced methods and tools of scientific research, especially in the field of the studied specialty	Knows and understands, at an advanced level, the principles of planning and conducting field and laboratory research in marine biology, as well as advanced scientific methods and tools for studying marine ecosystems.	[SW2] presentation/project/paper/ report

Subject contents

Methods used in studies of the functioning of marine ecosystems within the field of marine biology.

The use of devices to collect benthos, plankton nets, and fishing gears.

Taxonomic, spatio-temporal, and functional diversity of ecological formations in the coastal and deep-water zones of the Gulf of Gdańsk.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
average grades from presentations presenting the obtained results	51.0%	50.0%
correctness of execution of assigned tasks	51.0%	40.0%
activity during classes	51.0%	10.0%

Recommended reading

Basic literature	The selection of sources depends on the research topic being pursued. - Script "Zaawansowane metody interdyscyplinarnych badań Morza Bałtyckiego" (in Polish) - Selected items of current literature in Polish and English
Supplementary literature	Selected items of current literature in Polish and English
eResources addresses	

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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