University of Gdańsk

Subject card

Subject name and code	Marine Biology Seminar II, PG_00204922						
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		4.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Faculty of Oceanography and Geography -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. Monika Normant-Saremba				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	30.0	30
	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	30		4.0		66.0	100
Subject objectives	Acquiring knowledge and developing skills in preparing and presenting scientific papers in the field of marine biology, including conducting scientific discussions.						

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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	Student is able to use source information, in Polish and English, including archival and electronic databases, in the field of marine biology, performs critical analysis and synthesis of information.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
[OCEANMU2-U02] is able to fluently and accurately use scientific terminology when presenting and discussing oceanographic issues, and to propose and justify innovative solutions	Student is able to fluently and properly use the current scientific terminology in presenting and discussing problems in the field of marine biology.	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
[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	Student knows and understands to an in-depth degree the research methods used in marine biology and related sciences.	[SW1] oral statement/ conversation/discussion [SW2] 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	Student knows and understands to an in-depth extent 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 marine biology.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
[OCEANMU2-K02] is ready to take full responsibility in terms of actions taken and compliance with professional ethics and principles intellectual honesty, is aware of the importance professional approach in every situation	Student is ready to take full responsibility in the scope of actions taken and to comply with the principles of professional ethics and intellectual integrity, is aware of the importance of a professional approach in every situation.	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report [SK8] observation of student's independent or team work
[OCEANMU2-W01] knows and understands in-depth specialized terminology used in oceanography and related sciences (in Polish and a selected foreign language)	Student knows and understands to an in-depth degree the specialist terminology appropriate in the exact and natural sciences (in Polish, English and/or Latin), with particular emphasis on marine biology.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report

Subject contents

1. Guidelines for preparing a chapter describing the research methods used in the master's thesis structure and content, language and syntax, visualization forms.

2. Students will prepare a presentation on various research methods that can be used to achieve the goal of their master's thesis, and a group discussion of the presented content will follow.

3. Presentation of the chapter of the master's thesis concerning the materials and methods used, along with the justification for their selection.

Prerequisites and co-requisites

Basic knowledge of biology and research planning, knowledge of English.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Quality of the prepared oral presentation	51.0%	70.0%
The quality of answers to questions after the presentation	51.0%	20.0%
Active participation in the discussion after the presentations	51.0%	10.0%

Recommended reading

Basic literature	Scientific papers in the field of marine biology related to the topic of the master's thesis - publications recommended by the master's thesis supervisor and the seminar leader, as well as those found by the student himself.
Supplementary literature	brak

	eResources addresses	Basic https://onlinelibrary.wiley.com/journal/14390485 - An international marine biology journal devoted to the study of critical interactions between organisms, populations and communities with their surrounding environment, as well as the contribution of biodiversity to the functioning of marine ecosystems. https://link.springer.com/journal/227 - An international journal publishing original contributions from all fields of marine biology. https://www.frontiersin.org/journals/marine-science - Marine and freshwater biology journal, advancing our understanding of marine systems and addressing global challenges including overfishing, pollution, and climate change.
Example issues/ example questions/ tasks being completed	-	
Work placement	Not applicable	

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