University of Gdańsk

Subject card

Subject name and code	Master's Thesis Laboratory in Marine and Atmospheric Chemistry II - laboratory, PG_00204985		
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	6.0
Learning profile	academic	Assessment form	credit
Conducting unit	Department of Chemical Oceanography and Marine Geology -> Faculty of Oceanography and Geography -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Dominika Saniewska, prof. UG	
	Teachers		

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	85.0	0.0	0.0	85
	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	85	6.0	59.0	150

Subject objectives	Carrying out research tasks related to the completion of a master's thesis; preparing and editing thesis manuscripts.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[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 independently and effectively collaborate in laboratory and field teams, capable of performing various roles, including coordination or management functions, reliably carries out assigned tasks related to sampling, chemical analysis, and processing results.	[SU2] presentation/project/paper/ report [SU8] observation of student's independent or team work
[OCEANMU2-K03] is ready to effectively organize his/her own work, is active and persistent and punctuality in completing tasks, is ready to carrying out evaluation of their own activities	Ready to effectively organize his own work in the laboratory and during field research, shows initiative, perseverance, and timeliness in performing tasks related to chemical analysis and environmental data processing. He is prepared to critically evaluate his own actions and improve the research procedures used.	[SK8] observation of student's independent or team work
[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	Has in-depth knowledge and understanding of the principles of planning and conducting field and laboratory research in chemical oceanography and atmospheric chemistry, as well as advanced methods and tools used in chemical analyses and environmental measurements specific to the field of study.	[SW1] oral statement/ conversation/discussion

Subject contents

The subject matter of classes and the scope of research, laboratory, field, and literature tasks are determined individually by the student and their thesis supervisor, in accordance with the subject matter and specifications of the thesis. Compilation of research results, their interpretation, and preparation of part of the master's thesis.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
The degree of advancement of research carried out as part of the master's thesis	51.0%	80.0%
Observation of the student's work	51.0%	20.0%

Recommended reading

Basic literature	The literature is selected for each student individually, in accordance with the guidelines provided by the thesis supervisor.
Supplementary literature	The literature is selected for each student individually, in accordance with the guidelines provided by the thesis supervisor.
eResources addresses	

Example issues/ example questions/ tasks being completed

Issues relevant to the master's thesis being prepared.

Work placement

Not applicable

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