University of Gdańsk

Subject card

Subject name and code	Seminar in Marine and Atmospheric Chemistry II, PG_00204969		
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	Department of Chemical Oceanography and Marine Geology -> Faculty of Oceanography and Geography -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Anita Lewandowska, prof. UG	
	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

Additional information:

Presentation of progress in the implementation of the master's thesis and their discussion.

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	5.0	65.0	100

Subject objectives

The course aims to assist students in preparing their master's thesis by:
1. Developing and improving skills in preparing and presenting substantively and technically accurate multimedia scientific presentations in the field of marine and atmospheric chemistry related to the thesis topic.
2. Developing and improving skills in critically evaluating the selection of scientific literature and the presented scientific content.
3. Improving skills in conducting scientific discussions in the field of marine and atmospheric chemistry related to the thesis topic.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[OCEANMU2-W01] knows and understands in-depth specialized terminology used in oceanography and related sciences (in Polish and a selected foreign language)	Has in-depth knowledge of specialist terminology used in marine/atmospheric chemistry (program content: master's thesis topic).	[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	Is ready to take full responsibility for the actions taken and to comply with the principles of intellectual honesty (program content: scope of the master's thesis).	[SK1] oral statement/conversation/ discussion [SK8] 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	Is able to analyse and synthetically develop research results and, based on them, draw correct conclusions about chemical processes in the sea and atmosphere (program content: topic of the master's thesis).	[SU2] presentation/project/paper/ report [SU3] 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	Is able to use scientific terminology appropriately in presenting and discussing problems in the field of marine and tmospheric chemistry (program content: master's thesis topic).	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU3] text preparation/written 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 of the principles of planning and conducting field and laboratory research in the field of marine/atmospheric chemistry, as well as statistical tools used in the work of an oceanographer to describe chemical processes in the marine environment and atmosphere (program content: scope of the master's thesis).	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report

Subject contents

1. Discuss the principles of preparing the theoretical chapter of a master's thesis. Students prepare a presentation on this topic. Discuss the presentation with the group.
2. Elements of academic tutoring (how strengths/weaknesses influence the writing of a master's thesis, how to prepare for professional work after graduation (portfolio, CV, cover letter, etc.))
3. Students write the theoretical section of their master's thesis.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Preparing a presentation on a topic related to the master's thesis	51.0%	70.0%
Providing feedback on one's own presentation	51.0%	20.0%
Participating in discussions on other presentations	51.0%	10.0%

Recommended reading

Basic literature	Books and scientific articles related to the topic of the master's thesis.
Supplementary literature	Books and scientific articles related to the topic of the master's thesis.
eResources addresses	

Example issues/ example questions/ tasks being completed

Work placement

Not applicable

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