University of Gdańsk

Subject card

Subject name and code	Seminar in Marine and Atmospheric Chemistry III, PG_00204986		
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	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	3.0	67.0	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-U12] can independently expand and update oceanographic knowledge when planning and developing a professional career, as well as motivates others to deepen their knowledge	Is able to independently expand and update knowledge in the field of marine chemistry/atmospheric chemistry and motivate others to deepen their knowledge (program content: scope of the master's thesis)	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report
[OCEANMU2-K04] is ready to critically evaluate his/her knowledge and received content in the field of natural sciences in in particular in the field of the studied specialty, a in problematic situations, supports oneself with knowledge experts	Is ready to critically evaluate the knowledge he/she has and the content he/she receives in the field of marine/atmospheric chemistry and to use the knowledge of experts (program content: scope of the master's thesis)	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report
[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	Has a thorough knowledge of the chemical processes in the marine environment and atmosphere and understands the relationships between the various elements of the marine environment (program content: master's thesis topic)	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
[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	Is ready to effectively organize his/her own work, is active and is characterized by perseverance and punctuality in carrying out tasks, is self-critical and draws onclusions based on self-analysis (program content: scope of master's thesis)	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report [SK8] observation of student's independent or team 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	Searches for and uses literature for a diploma thesis in Polish and English, including archival and electronic databases (program content: scope of the master's thesis)	[SU1] oral statement/conversation/ discussion [SU2] presentation/project/paper/ report [SU8] observation of student's independent or team work
[OCEANMU2-W09] knows and understands legal regulations regarding intellectual property rights and their application in scientific work	Knows the basic legal regulations in the field of intellectual property rights (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 a chapter describing the research results presented in a master's thesis. Students prepare a presentation on this topic. Discuss the presentation with the group.

2. Students write a section of their master's thesis describing the research results presented in the thesis.

Prerequisites and co-requisites

Assessment methods and criteria

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

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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