University of Gdańsk

Subject card

Subject name and code	Seminar in Marine and Atmospheric Chemistry IV, PG_00204989		
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	English
Semester of study	4	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. 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	4.0	116.0	150

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-U04] is ready to develop in an analytical and synthetic way research and analysis results and based on them creating conclusions	Analytically and synthetically develops research results. Applies principles of inference based on analysis of collected research material and literature related to the master's thesis topic.	[SU2] presentation/project/paper/ report [SU3] text preparation/written work
[OCEANMU2-U09] can take part in a discussion/debate using substantive arguments, has the ability to formulate opinions based on scientific knowledge and experience and creating synthetic summaries	Is able to take part in discussions and present substantively correct arguments on scientific topics related to the issues of the master's thesis, based on knowledge gained from world literature.	[SU1] oral statement/conversation/ discussion
[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	He knows and understands in depth the interrelationships between phenomena and processes occurring in the sea/ atmosphere, which are the subject of his master's thesis.	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
[OCEANMU2-U08] is able to prepare a study of a given issue/ problem in Polish and a selected foreign language in written form (short scientific text, documented research work) and orally (paper, presentation) and discuss with specialists on topics related to oceanographic issues, with particular emphasis on the studied specialty	Prepares a short study in Polish and English documenting the subject of research carried out as part of her master's thesis.	[SU3] text preparation/written work
[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 prepared to critically evaluate their knowledge and understanding of the scientific content related to their master's thesis. They are able to draw on expert knowledge in challenging situations. problematic situations, support himself/herself with the knowledge of experts	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report
[OCEANMU2-W09] knows and understands legal regulations regarding intellectual property rights and their application in scientific work	Apply basic legal regulations regarding intellectual property rights when writing a 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 discussion of research results presented in a master's thesis. Students prepare a presentation on this topic. Discuss the presentation with the group.
2. Discuss the principles of preparing an abstract and summary of a master's thesis. Students prepare abstracts and summaries of the master's thesis.
3. Students write a chapter discussing the research results and comparing them with the scientific literature (if possible).

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%
Participating in discussions on other presentations	51.0%	10.0%
Providing feedback on one's own presentation	51.0%	20.0%

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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