University of Gdańsk

Subject card

Subject name and code	Current Trends in Marine Geology - seminar, PG_00206200		
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 Geophysics -> Faculty of Oceanography and Geography -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Dominik Pałgan	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	60.0	0.0	0.0	0.0	0.0	60

E-learning hours included: 0.0

Additional information:

Seminar lecture, discussion, presentation.

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	60	2.0	38.0	100

Subject objectives	To learn about the latest research directions in marine geology from reference information and planning scientific and commercial research.

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	is able to use source information, in Polish and in selected foreign language, including archival and electronic databases, in the scope of the latest problems concerning marine geology (content: A.1-4)	[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	knows and understands in depth the research methods used in recent and modern research in marine geology and other related sciences (content: A.1-4)	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
[OCEANMU2-W01] knows and understands in-depth specialized terminology used in oceanography and related sciences (in Polish and a selected foreign language)	has a thorough understanding of specialised terminology used in marine geology and related sciences (in Polish and English) (content: A.1-4)	[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report
[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 the floor in a discussion/debate using substantive arguments, has the ability to formulate opinions on the basis of the latest and reliable scientific knowledge and experience and to produce synthetic summaries concerning contemporary issues in marine geology (content: A.1-4)	[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 prepared to critically evaluate knowledge and understanding of contemporary trends in scientific research in marine geology and, in problematic situations, is supported by the knowledge of experts (content: A.1-4)	[SK1] oral statement/conversation/ discussion [SK2] presentation/project/paper/ report

Subject contents

A.1 Introduce new research directions in marine geology.A.2 Use literature, internet sources and databases to develop a chosen topic.A.3. Lead a discussion on a chosen topic. Planning scientific and commercial research in the field of marine geology.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
presentation of a selected topic	51.0%	50.0%
participation in the debate	51.0%	20.0%
presentation of scientific research	51.0%	15.0%
presentation of commercial research	51.0%	15.0%

Recommended reading

Basic literature	textbooks and scientific articles in Polish and English on selected topics
Supplementary literature	textbooks and scientific articles chosen by the student
eResources addresses	

Example issues/ example questions/ tasks being completed

Discussion of the latest trends in deep-sea research.
Discussion of the latest equipment for seabed research.
Components of the National Science Center's proposal for basic research.

Work placement

Not applicable

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