

Subject card

Subject name and code	Current trends in marine geology, PG_00117848						
Field of study	Oceanography						
Date of commencement of studies	October 2025		Academic year of realisation of subject			2025/2026	
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						
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		5.0		40.0	105
Subject objectives	To learn about the latest research directions in marine geology from reference information						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[OCEANMU2-K04] is ready to critically evaluate his/her knowledge and received content in the field of natural sciences 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.1-3)	[SK1] oral statement/conversation/discussion [SK2] 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.1-3)	[SW1] oral statement/conversation/discussion [SW2] 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 and understanding of the complex processes and phenomena taking place in the marine environment with particular emphasis on the coastal zone, as well as the complex interactions between the living and non-living components of the aquatic environment, in the context of the latest scientific research trends in marine geology (content: A.1-3)	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report
	[OCEANMU2-U05] is able to use source information in Polish and a selected foreign language, including archival and electronic databases, in the field of oceanographic issues, performs critical analysis and synthesis of information	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.1-3)	[SU1] oral statement/conversation/discussion [SU2] 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.1-3)	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report
	[OCEANMU2-W06] knows and identifies potential threats to the marine environment on a local and global scale resulting from strong anthropopressure, predicts their effects on various time and space scales	knows and identifies potential threats to the marine environment on a local and global scale resulting from strong anthropopressure, anticipates their effects as reported in recent scientific reports (content: A.1-3)	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report
	[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 a thorough knowledge and understanding of the latest/modern principles of planning and conducting field and laboratory investigations and of advanced scientific research methods and tools specifically used in the work of a marine geologist (content: A.1-3)	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report
	[OCEANMU2-W03] knows and understands research methods used in oceanography and related sciences	knows and understands in depth the research methods used in recent and modern research in marine geology and other related sciences (content: A.1-3)	[SW1] oral statement/conversation/discussion [SW2] 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.		
Prerequisites and co-requisites			

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	presentation/essay/participation in the debate	51.0%	100.0%
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			
Work placement	Not applicable		

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