

Subject card

Subject name and code	Innovations in Oceanography – a Look into the Future - lecture, PG_00204948						
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	4	ECTS credits			1.0		
Learning profile	academic	Assessment form			credit		
Conducting unit	Faculty of Oceanography and Geography -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Urszula Janas				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15		1.0		9.0	25
Subject objectives	The aim of the course is to provide students with an overview of the latest research in oceanography, with a particular focus on the practical application of the latest achievements and proposed solutions in the field of innovative improvements and technologies that enable a better understanding of the marine environment.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[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 currently used in oceanography, taking into account the specifics of various specialties		[SW3] text preparation/written work		
	[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		critically evaluates his/her knowledge, uses the knowledge of experts		[SK3] text preparation/written work		
Subject contents	During course the teachers invite guests from various scientific institutions and practitioners involved in marine and ocean research. During the meetings, representatives of various institutions present, among other things, the characteristics of the institution they represent, the scientific research/monitoring work carried out, the measurement techniques used in practice, and those currently being developed.						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	final assignment	51.0%	100.0%
Recommended reading	Basic literature	According to the topics of the lectures, individually proposed by the Lecturers	
	Supplementary literature	According to the topics of the lectures, individually proposed by the Lecturers	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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