

**Subject card**

<b>Subject name and code</b>	Innovations in Oceanography – a Look into the Future - lecture, PG_00204948						
<b>Field of study</b>	Oceanography						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>			2027/2028		
<b>Education level</b>	Master's studies	<b>Subject group</b>			Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	2	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	4	<b>ECTS credits</b>			1.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			credit		
<b>Conducting unit</b>	Faculty of Oceanography and Geography -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr hab. Urszula Janas				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	15.0	0.0	0.0	0.0	0.0	15
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	15		1.0		9.0	25
<b>Subject objectives</b>	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.						
<b>Learning outcomes</b>	<b>Course outcome</b>		<b>Subject outcome</b>			<b>Method of verification</b>	
	[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	
<b>Subject contents</b>	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.						
<b>Prerequisites and co-requisites</b>							

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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