

Subject card

Subject name and code	Inventarisation and valuation of natural resources and environmental impact assessment - laboratory exercises, PG_00118106						
Field of study	Oceanography						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2027/2028		
Education level	Bachelor'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	3		Language of instruction		Polish		
Semester of study	5		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Laboratory of Biodiversity and Benthic Functioning -> Department of Marine Ecology -> 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	0.0	0.0	20.0	0.0	0.0	20
	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	20		20.0		15.0	55
Subject objectives	Developing knowledge of methods of inventory and valorization of coastal and marine areas, predicting the effects of human impact on the functioning of marine biotopes, and seeking solutions to reduce the negative impact of the planned project on the marine environment.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[OCEANL3-K03] is ready to exercise caution and criticism in accepting information from scientific literature, the Internet and other media relating to natural sciences		He or she is ready to exercise caution and criticism in accepting information from scientific literature, the Internet and other media relating to the inventories, valorization, and in assessing the impacts of investments on the marine environment.		[SK2] presentation/project/paper/report		
	OCEANL3-U06		He or she is able to define and find solutions to complex problems concerning the marine environment by integrating knowledge from different fields and scientific disciplines.		[SU2] presentation/project/paper/report		
	OCEANL3-U04		He or she is able to independently search for information in Polish and English-language specialized literature, as well as in the Internet and databases in the field of inventories and natural valorization and assessments of the impact of investments on the marine environment		[SU2] presentation/project/paper/report		

Subject contents	Selection and use of available sources of information on the marine environment for studies.Selection of research methods for environmental inventory and valorization. Interpretation of available research results and literature data. Inventory and nature valorization of a selected marine area (case study). Prediction of the impact of a selected investment on the marine environment (case study).		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Preparation and presentation of credit works	51.0%	100.0%
Recommended reading	Basic literature	Gray J. S., Elliott M., 2009, Ecology of Marine Sediments-from science to Management, Oxford Univerity Press, 225 str.	
	Supplementary literature	Kruk-Dowgiałło, L., (red) 2000. Przyrodnicza waloryzacja morskich części obszarów chronionych HELCOM BSPA województwa pomorskiego, tom 3, Nadmorski Park Krajobrazowy. CRANGON 7, CBM PAN w Gdyni, pp: 53-55. Gic-Grusza, G., Kryła-Staszewska, L., Urbanski, J., Warzocha, J., Weslawski, J.M., (Red.). 2009. Atlas siedlisk dna polskich obsza-rów morskich. Waloryzacja przyrodnicza siedlisk morskich, Broker-Innowacji, Gdynia. pp: 179	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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