

Subject card

Subject name and code	Inventarisation and valuation of natural resources and environmental impact assessment - lecture, PG_00118105						
Field of study	Oceanography						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2026/2027		
Education level	undergraduate studies	Subject group			Obligatory subject group 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			1.0		
Learning profile	academic	Assessment form					
Conducting unit	Pracownia Bioróżnorodności i Funkcjonowania Bentosu -> Katedra Ekologii Morza -> Faculty of Oceanography and Geography						
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	10.0	0.0	0.0	0.0	0.0	10
	E-learning hours included: 0.0						
	Additional information: Conversation lecture, lecture with multimedia presentation, discussion						
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	10		3.0		13.0	26
Subject objectives	Developing knowledge on methods of inventory and natural valorization of coastal and marine areas, predicting the effects of human impact on the functioning of marine biotopes, and search for solutions to reduce the negative impact of the of the planned project on the marine environment						
Learning outcomes	Course outcome		Subject outcome			Method of verification	
	OCEANL3-W06		Has advanced knowledge of the principles of biotic resource management and the consequences of marine ecosystem imbalance			[SW4] test/exam - oral or written	
	OCEANL3-W05		Has advanced knowledge of research techniques and methods used to inventory and valorize the natural components of the marine environment			[SW4] test/exam - oral or written	

Subject contents	Objectives and methods of inventory and natural valuation of the marine environment, valuation criteria (among others, key areas and species, value of species and habitats for marine ecosystems). Legal aspects, among others, areas and species protected by national and international law. Assessment of the impact of various uses of marine areas (including offshore wind farms, ports and other structures, storage, mining, tourism) on marine biotopes. Predicting the effects of human impact on the environment. Assessment of the impact of investments on the environment - forecasts and reports		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	written exam with open-ended questions (tasks)	51.0%	100.0%
Recommended reading	Basic literature	Gray J. S., Elliott M., 2009, Ecology of Marine Sediments-from science to Management, Oxford University 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., Wesławski, J.M., (Red.). 2009. Atlas siedlisk dna polskich obszarów morskich. Waloryzacja przyrodnicza siedlisk morskich, Broker-Innowacji, Gdynia. pp: 179	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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