

**Subject card**

<b>Subject name and code</b>	Nature conservation - lecture, PG_00091500						
<b>Field of study</b>	Water Management and Protection of Water Resources						
<b>Date of commencement of studies</b>	October 2024	<b>Academic year of realisation of subject</b>			2024/2025		
<b>Education level</b>	undergraduate studies	<b>Subject group</b>			Obligatory subject group in the field of study Subject group related to scientific research in the field of study Subject group related to practical vocational preparation		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	1	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	2	<b>ECTS credits</b>			1.0		
<b>Learning profile</b>	practical	<b>Assessment form</b>					
<b>Conducting unit</b>	Pracownia Bioróżnorodności i Funkcjonowania Bentosu -> Katedra Ekologii Morza -> Faculty of Oceanography and Geography						
<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						
	Additional information: Learning methods: lecture with multimedia presentation, discussion, questions						
<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		10.0		0.0	25
<b>Subject objectives</b>	Familiarize students with nature conservation issues: the value of maintaining balance in aquatic ecosystems, threats and ways to nature protection						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[GWOZWL3-W03] organization and legal basis of environment protection, nature protection and water management, as well as the principles of organization and operation of hydrological and meteorological services and the basics of Integrated Environmental Monitoring	He or she knows and understands the organization and legislative basis of nature conservation	[SW4] test/exam - oral or written
	[GWOZWL3-W05] assumptions of the ecosystem approach to management of the environment and human activities in the environment as well as the development directions in the field of applied solutions and scientific research for the protection and restoration of water resources in selected divisions of the national economy	He or she knows and understands the assumptions of the ecosystem approach, as well as the directions of development in applied solutions and scientific research for nature conservation	[SW4] test/exam - oral or written
Subject contents	<p>Values of preserving and/or restoring balance in aquatic ecosystems: lakes, rivers, wetlands and the Baltic Sea; discussion of selected aquatic areas of greatest biological value; Rare species, endangered species, keystone species, protected species; Threats to biodiversity of aquatic ecosystems, among others: habitat transformation, destruction and fragmentation, alien species, eutrophication, global change; Forms of nature protection: conservation and active protection, systems of protected areas, national regulations, international agreements on nature protection of aquatic ecosystems</p>		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Written credit with open questions	51.0%	100.0%
Recommended reading	Basic literature	Gaston K.J., Spicer J. I., 2008. Biodiversity: An Introduction. 6th Edition. Blackwell Publishing	
	Supplementary literature	www.natura2000, gdos, gov.pl	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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