

Subject card

Subject name and code	Nature conservation - lecture, PG_00091500						
Field of study	Water Management and Protection of Water Resources						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2025/2026		
Education level	Bachelor's studies		Subject group		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		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	2		ECTS credits		1.0		
Learning profile	practical		Assessment form				
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	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		10.0		0.0	25
Subject objectives	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	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		
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		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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