

Subject card

Subject name and code	Peat bogs - functioning and the protection, PG_00154667						
Field of study	Natural Resources Conservation						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2025/2026		
Education level	Bachelor's studies		Subject group		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				
Conducting unit							
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Krzysztof Banaś				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	0.0	0.0	30
	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	30		4.0		16.0	50
Subject objectives	1. to understand the phenomena and processes that determine the functioning of peatlands. 2. To know the ecological conditions and species characteristic of each type of peatland. 3. To know the threats to the habitat peculiarities of peatlands and ways to protect them.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[OZPL3_W07] The graduate has an advanced understanding of the methods and means of nature and environmental protection, including nature monitoring		presents methods and ways to protect peatlands and understands the need for their monitoring		[SW2] presentation/project/paper/report [SW3] text preparation/written work		
	[OZPL3_W06] The graduate has an advanced understanding of the names and types of natural environments, including their structural and functional characteristics		names and classifies types of wetland environments and characterizes them in terms of structure and function		[SW2] presentation/project/paper/report [SW3] text preparation/written work		
	[OZPL3_U12] The graduate is able to learn independently in a targeted manner		develops independently assigned issues on the functioning or protection of peatlands		[SU2] presentation/project/paper/report [SU3] text preparation/written work		
	[OZPL3_K05] The graduate is ready to understand the need to improve their own competences, update their knowledge and improve their skills		understands the need to improve his own competence and updates the acquired knowledge of peatlands and bog plants in order to protect them effectively		[SK8] observation of student's independent or team work		
Subject contents	Methods of classifying wetlands and peatlands; hydrogenetic types of peatlands; peatlands as natural habitats in the Natura 2000 network; position of habitats in the phytosociological classification; geographic distribution; diagnostic features and characteristics of peatlands, physiognomy and community structure, characteristic species, vegetation dynamics, ecological and biological significance, economic use and production potential, trends in national transformation and potential threats, recommended methods of protection, inventories, research directions and monitoring.						

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	report on field and laboratory tests	51.0%	50.0%
	written credit	51.0%	50.0%
Recommended reading	Basic literature	n/a	
	Supplementary literature	n/a	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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