

Subject card

Subject name and code	Knowledge of the habitat, PG_00198143						
Field of study	Natural Resources Conservation						
Date of commencement of studies	October 2026	Academic year of realisation of subject				2028/2029	
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	6	ECTS credits				1.0	
Learning profile	academic	Assessment form				credit	
Conducting unit	Pracownia Symbioz Roślinnych -> Department of Plant Taxonomy and Nature Conservation -> Faculty of Biology -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Julita Minasiewicz				
	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		3.0		7.0	25
Subject objectives	Study explore the principles of the formation and functioning of terrestrial habitats (biotopes), their transformation, spatial variation and relationship with different types of biocenoses.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[OZPL3_W06] The graduate has an advanced understanding of the names and types of natural environments, including their structural and functional characteristics		identifies and correctly names types of natural habitats - describes selected habitats in structural and functional terms		[SW4] test/exam - oral or written		
	[OZPL3_K08] The graduate is ready to systematically update his/her natural knowledge and to apply it in practice		familiarises himself with the current state of natural science and constantly expands it with new trends and discoveries. He looks for and points out their connections and practical applications.		[SK1] oral statement/conversation/discussion		
Subject contents	Habitat as an object of study in ecology, conservation and interest in forestry and other applied sciences. General patterns of formation and differentiation of terrestrial habitats. Geological basis of soil science (geological processes, rocks, minerals). Soil as an integral, multifunctional component of terrestrial ecosystems; process of formation and functioning in the ecosystem. Soil morphology. Physical, chemical and biological properties of mineral and organic soils. Threats and protection of soils. Selected issues in forest habitat science Revised rules for distinguishing and mapping habitats. External factors influencing the formation of different plant communities.						
Prerequisites and co-requisites	basic knowledge of general ecology and plant ecology						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
			51.0%		100.0%		

Recommended reading	Basic literature	<p>Mocek A. 2014. Gleboznawstwo. PWN, Warszawa.</p> <p>Bednarek R., Dziadowiec H., Pokojska U., Prusinkiewicz Z. 2004. Badania ekologiczno-gleboznawcze. Wyd. Naukowe PWN, Warszawa.</p> <p>Opracowanie zbiorowe 2004. Siedliskowe podstawy hodowli lasu. Załącznik do Zasad hodowli lasu. Ośrodek Rozwojowo-Wdrożeniowy Lasów Państwowych w Bedoniu.</p>
	Supplementary literature	<p>Afranowicz-Cieślak R. 2013. Geobotaniczna charakterystyka Żuław Wiślanych. W: Ciecierska H., Hołdyński C. (red.), Interdyscyplinarne i aplikacyjne znaczenie nauk botanicznych. Przewodnik do warsztatów terenowych 56. Zjazdu Polskiego Towarzystwa Botanicznego, 24-30 czerwca 2013, Olsztyn, s. 135-143.</p> <p>Brożek S., Zwyczaj M. 2003. Atlas gleb leśnych Polski. Centrum informacyjne Lasów Państwowych.</p> <p>Tobolski K. 2000. Przewodnik do oznaczania torfów i osadów jeziornych. Ser. Vademecum Geobotanicum. Wyd. Nauk. PWN, Warszawa.</p>
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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