

Subject card

Subject name and code	Knowledge of the habitat, PG_00154498						
Field of study	Natural Resources Conservation						
Date of commencement of studies	October 2024		Academic year of realisation of subject			2026/2027	
Education level	undergraduate 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	6		ECTS credits			2.0	
Learning profile	academic		Assessment form				
Conducting unit	Pracownia Symbioz Roślinnych -> Katedra Taksonomii Roślin i Ochrony Przyrody -> Faculty of Biology						
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	0.0	15.0	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		32.0	50
Subject objectives	1 To learn about the formation and functioning of terrestrial habitats (biotopes), their transformation, spatial differentiation and relationship to different types of biocenoses. 2. to acquire practical knowledge of field methods for investigating soils (habitats) and their identification in the field.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[OZPL3_U06] The graduate is able to make observations and perform basic physical, biological and chemical measurements in the field or laboratory	carries out field observations of abiotic features of forest and carry out and determine the basic parameters of habitat characteristics	[SU3] text preparation/written work
	[OZPL3_K07] The graduate is prepared to demonstrate responsibility for the equipment/ materials entrusted and respects the work of others	is responsible for the equipment/ materials entrusted to him/her and for his/her own work, and respects the work of others	[SK8] observation of student's independent or team work
	[OZPL3_U04] The graduate is able to plan and carry out simple research tasks in the biological sciences under the guidance of a supervisor	be able to make and correctly describe the constituent elements of a soil profile	[SU8] observation of student's independent or team work
	[OZPL3_U01] The graduate is able to use basic apparatus and research tools and maintains the correct sequence of operations in laboratory and field work	selects and applies procedures and research techniques and tools used in habitat science	[SU6] demonstration of practical skills
	[OZPL3_W13] The graduate has an advanced understanding of the fundamental rules, methods, and techniques of environmental research and their potential applications in nature conservation	shall have knowledge of habitat science as regards procedures and methods for the examination of soils	[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	-understands the systematics, characteristics of different types and genera. - understands the processes of formation and diversity of terrestrial biotopes and their functioning in ecosystems.	[SW3] text preparation/written work
Subject contents	Field methods of soil investigation. Methodology for soil profile description and sampling for laboratory analysis. Recognition of soil types. Recognition of forest habitat types and their relationship to plant communities. Relationships between vegetation and soil. Application of habitat science in nature conservation.		
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
	written coursework	51.0%	100.0%
Recommended reading	Basic literature	Mocek A. 2014. Gleboznawstwo. PWN, Warszawa. Opracowanie zbiorowe 2004. Siedliskowe podstawy hodowli lasu. Załącznik do Zasad hodowli lasu. Ośrodek Rozwojowo-Wdrożeniowy Lasów Państwowych w Bedoniu. Bednarek R., Dziadowiec H., Pokojka U., Prusinkiewicz Z. 2004. Badania ekologiczno-gleboznawcze. Wyd. Naukowe PWN, Warszawa.	
	Supplementary literature	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. Brożek S., Zwyczaj M. 2003. Atlas gleb leśnych Polski. Centrum informacyjne Lasów Państwowych. Tobolski K. 2000. Przewodnik do oznaczania torfów i osadów jeziornych. Ser. Vademecum Geobotanicum. Wyd. Nauk. PWN, Warszawa	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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