

Subject card

Subject name and code	Habitat science, PG_00207476						
Field of study	Biology						
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	
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	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	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		1.0		9.0	25
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
	[BIOLL3_W07] knows the development of biology as a science, its connections with other disciplines and the principles of using biological knowledge in the economy and social life, including ways that are entrepreneurial		
	[BIOLL3_W05] has advanced knowledge of experimental methods, laboratory and field techniques, and the principles of planning and conducting biological research		
	[BIOLL3_W03] knows and understands at an advanced level the principles of life functioning at the level of populations, biocenoses and ecosystems, the determinants of biological diversity as well as the mechanisms and molecular basis of the evolution of organisms		
	[BIOLL3_U07] is able to present and justify her/his adopted position, using appropriate scientific argumentation, adapted to various audiences, and take part in discussions or debates		
	[BIOLL3_U04] is able to carry out simple research tasks or give expert opinions typical for the biological sciences under the supervision of a scientific supervisor		
	[BIOLL3_U01] is able to use basic research techniques and tools appropriate for the biological sciences and perform physical, chemical and biological observations and measurements in the laboratory and in the field, individually and in a team, while organizing her/his work appropriately and in a maintained way		
	[BIOLL3_K05] is ready to perform professional roles responsibly, both individually and in teams, including organizing the work of small teams and taking joint responsibility for the implementation of assigned tasks and the results achieved.		
	[BIOLL3_K04] is ready to apply the principles of bioethics, scientific integrity and honesty, including the proper handling of biological material and respect for intellectual property		
	[BIOLL3_K01] is ready to critically evaluate her/his biological knowledge and continuously update and develop it, taking into account scientific advances and the needs of practice		
Subject contents	Physical-geographical determinants of terrestrial habitat properties. The formation of soils and their properties. Influence of phytocenoses on the functioning and diversity of soils. Recognition of selected soil types and the basis of their study. Forest habitat typology and its practical application.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	written credit assignment	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
	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., Zwydak 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	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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