

Subject card

Subject name and code	Plant cover of Poland, PG_00154732						
Field of study	Biology						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2024/2025		
Education level	postgraduate 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	1		Language of instruction		Polish		
Semester of study	2		ECTS credits		1.0		
Learning profile	academic		Assessment form				
Conducting unit	Pracownia Geobotaniki i Ochrony Przyrody -> Katedra Taksonomii Roślin i Ochrony Przyrody -> Faculty of Biology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Renata Afranowicz-Cieślak				
	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						
	Additional information: - lecture with multimedia presentation - oral statements						
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		2.0		8.0	25
Subject objectives	Learning about the main types of plant communities, their origins, habitat conditions and distribution. Understanding the connections between natural and anthropogenic features of the natural environment in Poland and its contemporary plant cover. Understanding the basis of spatial diversity of Poland in terms of habitat, phytocoenotic and phytogeographical aspects, with particular emphasis on Pomerania.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[BIOLMU2_U06] the graduate is able to use the acquired expertise in the biological sciences to interpret the collected empirical data and to make inferences	uses acquired specialist knowledge in the field of biological sciences to interpret the processes of changes occurring in the plant cover	[SU1] oral statement/conversation/discussion [SU4] test/exam - oral or written
	[BIOLMU2_W01] the graduate knows and understands natural phenomena and processes at different levels of complexity	understands natural phenomena and processes that determine the variety and diversity of plant cover	[SW4] test/exam - oral or written
	[BIOLMU2_K07] the graduate is ready to systematically update biological knowledge and information on its practical applications	updates their knowledge of characteristic features enabling the identification of various plant communities	[SK1] oral statement/conversation/discussion [SK4] test/exam - oral or written
Subject contents	The location of Poland against the background of the geographical and geobotanical diversity of Europe. Natural and anthropogenic factors shaping the contemporary flora and plant communities of Poland. Floristic and phytosociological research methods. Characteristics of flora (including directional and geographical elements, geographical and historical features of synanthropic flora). Origin, habitat conditions, distribution and characteristics of the most important types of plant communities in Poland. Selected features of mountain vegetation. The specificity of the plant cover of Pomerania.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	colloquium with open and closed questions	51.0%	100.0%
Recommended reading	Basic literature	Kornaś J., Medwecka-Kornaś A. 2002. Plant geography. PWN, Warsaw. Matuszkiewicz W. 2001. Guide to marking plant communities in Poland. PWN. Warsaw. Starkel L. 1991. Geography of Poland. The natural environment. Ed. PWN, Warsaw. Szafer W., Zarzycki. 1972. Plant cover of Poland. Vol. 1 and 2. PWN, Warsaw. Wysocki C., Sikorski P. 2009. Phytosociology used in landscape protection and shaping. Ed. SGGW.	
	Supplementary literature	Dzwonko Z. 2007. Guide to phytosociological research. Institute of Botany, Jagiellonian University, Poznań-Kraków. Herbich J. (ed.) 2004. Guides for the protection of Natura 2000 habitats and species methodological manual. Ministry of the Environment, Warsaw. Vol. 1-5, 9. Lazarus M., Afranowicz-Cieślak R. (eds.). 2020. Red list of vascular plants of Gdańsk Pomerania. T. 1. Endangered species of coastal beaches, dunes and salt flats as well as brackish waters in the coastal zone. Univ. Publishing House Gdańsk, Gdańsk. - selected species descriptions. Matuszkiewicz W., Sikorski P., Szwed W., Wierzbą M. ed. 2012. Forests and thickets. PWN Scientific Publishing House. Warsaw. Symonides E. 2007. Nature conservation. Ed. University of Warsaw, Warsaw. Szmeja J. 2006. Guide to research on aquatic vegetation. Publishing House of the University of Gdańsk.	
	eResources addresses	Adresy na platformie eNauczanie:	

Example issues/ example questions/ tasks being completed	
Work placement	Not applicable

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