University of Gdańsk

Subject card

Subject name and code	Plant cover of Poland, PG_00207355		
Field of study	Biology		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
Education level	Master'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	1	Language of instruction	Polish
Semester of study	2	ECTS credits	1.0
Learning profile	academic	Assessment form	credit
Conducting unit	Laboratory of Geobotanics and Nature Conservation -> Department of Plant Taxonomy and Nature Conservation -> Faculty of Biology -> Rector		
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	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	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_W01] has a deep knowledge and understanding of natural phenomena and processes at various levels of complexity	understands natural phenomena and processes that determine the variety and diversity of plant cover	[SW2] presentation/project/paper/ report
[BIOLMU2_U06] is able to use the acquired specialist knowledge in the field of biological sciences to interpret the collected empirical data and draw conclusions	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 [SU2] presentation/project/paper/ report
[BIOLMU2_K07] 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 [SK2] presentation/project/paper/ report

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: project on a given topic Passing threshold: 51.0% Percentage of the final grade: 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., Wierzba 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	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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