University of Gdańsk

Subject card

Subject name and code	Floristry - field classes, PG_00130080		
Field of study	Biology		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2024/2025
Education level	undergraduate studies	Subject group	Obligatory subject group in the field of study 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	2.0
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	0.0	30.0	0.0	0.0	0.0	30

E-learning hours included: 0.0

Additional information:

- classes outside the UG teaching rooms in the field around the Tricity

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	30	5.0	15.0	50

Subject objectives

1. Learning about the floristic diversity of the region.

2. Naming plant species and knowing their characteristic features enabling the recognition of taxa.

3. Identifying organisms under legal protection.

4. Acquiring the ability to work with a key to identify species.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[BIOLL3_W06] The graduate will know the characteristics, systematics and understand the evolution of selected groups of organisms including molecular basis and basic concepts and mechanisms of evolution	- names and describes selected species of flora, with particular emphasis on taxa typical for coastal habitats, and gives their habitat preferences - identifies plant species, especially those under legal protection - becomes acquainted with the subsequent stages of collection and conservation of plant specimens - characterizes the degree of threat to floristic diversity and indicates the possibilities of rational use of natural resources	[SW1] oral statement/ conversation/discussion
[BIOLL3_U08] The graduate is able to learn independently, in a focused manner	- knows how to collect, properly preserve and identify basic plant taxa occurring in Pomerania - uses appropriate methods of conservation and description of herbarium documentation - observes the characteristic features of selected plant species and their habitats	[SU6] demonstration of practical skills [SU8] observation of student's independent or team work
[BIOLL3_K02] The graduate is prepared to critically self-assess their own competences and to update and improve their knowledge and skills	- is responsible for the entrusted equipment/materials and his/her own work and respects the work of others - strives to preserve the natural values of the region	[SK1] oral statement/conversation/ discussion [SK8] observation of student's independent or team work

Subject contents

Practical identification of vascular plant species in the field based on their characteristic features. Construction and use of a key for identifying higher plants. Preservation of plants and standards for establishing a herbarium. Learning about selected elements of the biology of the observed species.Plant diversity in selected Pomeranian ecosystems (forest, meadow, watercourse, sea shore, segetal and ruderal habitats); protected, indicator, rare and economically important species. Composition of native and foreign flora, with particular emphasis on regional species. Habitat requirements of plant species. Getting to know the legal act regarding the protection of plant species.

Prerequisites and co-requisites

Basic knowledge of botany and systematics of living organisms.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
identification of vascular plant species	51.0%	50.0%
preparation and submission of a herbarium	51.0%	50.0%

Recommended reading

Basic literature	Rothmaler W., Jäger E., Werner K. 2007. Excursion flora from Germany. Vascular plants: satin ribbon. Spektrum Akademischer Verlag, Munich. Rutkowski L. 2008. Key to the identification of vascular plants in Lowland Poland. Ed. Science. PWN, Warsaw. Drobnik J. 2007. Herbarium and herbal science. Ed. Science. PWN, Warsaw. Regulation of the Minister of the Environment of October 9, 2014 on the protection of plant species. Journal Laws of 2014, item 1409.
Supplementary literature	Szafer W., Kulczyński S., Pawłowski B. 1988. Polish plants. PWN, Warsaw. Johnson O., More D. 2009. The Collins Guide. Trees. Multico, 464 pp. 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.

	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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