University of Gdańsk

Subject card

Subject name and code	Carnivorous plants, PG_00146038		
Field of study	Rośliny mięsożerne (Ćw. audytoryjne)		
Date of commencement of studies	October 2022	Academic year of realisation of subject	2024/2025
Education level	Bachelor's studies	Subject group	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	Faculty of Biology -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Krzysztof Banaś	
	Teachers	dr hab. Krzysztof Banaś	

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

Additional information:
- Wykonywanie doświadczeń
- Rozwiązywanie zadań
- Praca w grupach
- prezentacje multimedialne zagadnień teoretycznych

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	7.0	25

Subject objectives

1. Knowledge of the diversity of carnivorous plants and the specifics of their habitat conditions.2. Knowledge of evolution and mutualistic relationships with animals.3. Threats to carnivorous plants and their habitats.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[BIOLL3_K07] the graduate is ready to consciously apply the principles of bioethics		
[BIOLL3_U03] the graduate is able to perform simple tasks or research expertise typical of the biological sciences under the guidance of a mentor		
[BIOLL3_W07] the graduate knows types of natural environments (habitats) from the structural and functional point of view, selected species of flora and fauna of coastal areas, and methods and forms of nature conservation		
[BIOLL3_W06] the graduate knows the characteristics, systematics and evolution of selected groups of organisms including molecular basis and basic concepts and mechanisms of evolution		

Subject contents	History of carnivorous plant research. Diversity and occurrence of carnivorous plants in the world, their evolution, habitat of carnivorous plants, characteristics of the most important genera: Aldrovanda, Dionaea, Darlingtonia, Heliamphora, Sarracenia, Nepenthes, Cephalotus, Brocchinia, Catopsis, Pinguicula, Byblis, Roridula, Drosera, Drosophyllum, Bylis, Utricularia, Genlisea. The future of carnivorous plants and their habitats.	
Prerequisites and co-requisites		
Assessment methods and criteria		

Subject passing criteria	Passing threshold	Percentage of the final grade
plant identification	51.0%	50.0%
written colloquium	51.0%	50.0%

Recommended reading	Basic literature	Stewart McPherson, Andreas Fleischmann, Alastair Robinson 2010, Carnivorous Plants and their Habitats Vol 1 i 2, Redfern Natural History Productions Ltd Stewart McPherson, Andreas Wistuba 2011, Sarraceniaceae of South America, Redfern Natural History Productions Ltd Stewart McPherson 2008, Glistening Carnivores: The Sticky-leaved Insect-eating Plants, Redfern Natural History Productions Ltd Lowrie, A.; Nunn, R.; Robinson, A.; Bourke, G.; McPherson, S.; Fleischmann, A. Drosera of the World. Vol. 1: Oceania, Redfern Natural History Productions Ltd Lowrie, A.; Robinson, A.; Nunn, R.; Rice, B.; Bourke, G.; Gibson, R.; McPherson, S.; Fleischmann, A. 2019, Drosera of the World. Vol. 2: Oceania, Asia, Europe, North America, Redfern Natural History Productions Ltd Robinson, A.; Gibson, R.; Gonella, P.; McPherson, S.; Nunn, R.; Fleischmann, A., Drosera of the World: Vol. 3: Latin America & Africa, Redfern Natural History Productions Ltd Tim Bailey, Stewart McPherson 2016, Carnivorous Plants of Britain and Ireland, Redfern Natural History Productions Ltd Tim Bailey, Stewart McPherson 2013, Dionaea: The Venus's Flytrap, Redfern Natural History Productions Ltd Peter D'Amato 2013, The Savage Garden, Revised: Cultivating Carnivorous Plants, 2nd edition, Ten Speed Press
	Supplementary literature	none
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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