University of Gdańsk

Subject card

Subject name and code	Structure and functioning of land ecosystems, PG_00103543		
Field of study	Environmental Protection		
Date of commencement of studies	October 2024	Academic year of realisation of subject	2026/2027
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	5	ECTS credits	2.0
Learning profile	academic	Assessment form	credit
Conducting unit			
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Krzysztof Banaś	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	30.0	0.0	0.0	30

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	30	5.0	15.0	50

Subject objectives

1. To understand natural phenomena and processes.2. To learn the principles of describing terrestrial ecosystems.3. Ability to recognize types of terrestrial ecosystems and assess their threats.4. Ability to apply research methods in ecology.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[OŚL3_K05] Identifies the level of her/his knowledge and skills, demonstrates the need to update knowledge about the environment and its protection, demonstrates the need for continuous professional training and personal development.	evaluates its own competence, determines the directions of its own development in order to obtain new skills; demonstrates creativity and efficiency both in individual and team work	[SK1] oral statement/conversation/ discussion [SK8] observation of student's independent or team work
[OŚL3_U04] Uses specialist language in the discussion and properly uses the nomenclature in the field of environmental protection and individual disciplines related to it.	Evaluates the functioning of natural and human-altered terrestrial ecosystems and determines the impact of anthropopressure on natural ecosystem processes; correctly uses terminology from biology, nature conservation and the environment	[SU2] presentation/project/paper/ report [SU6] demonstration of practical skills
[OŚL3_W09] Describes the basic methods, techniques and tools that allow the rational use, shaping and restoration of natural resources.	describes the methods, techniques and tools that allow the rational use, shaping and restoration of terrestrial ecosystems	[SW2] presentation/project/paper/ report

Subject contents	Identification and classification of basic terrestrial ecosystems. Improving methods for studying the structure and dynamics of ecological systems. Evaluation of species diversity. Design of ecological studies.
Prerequisites and co-requisites	

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Individual field research report	51.0%	100.0%
Recommended reading	Basic literature	n/a	
	Supplementary literature	n/a	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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