

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 2025		Academic year of realisation of subject		2027/2028		
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				
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_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		
	[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_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		
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	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.