

**Subject card**

<b>Subject name and code</b>	Structure and functioning of land ecosystems, PG_00103543						
<b>Field of study</b>	Environmental Protection						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>			2028/2029		
<b>Education level</b>	Bachelor's studies	<b>Subject group</b>			Optional subject group		
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>			at the university		
<b>Year of study</b>	3	<b>Language of instruction</b>			Polish		
<b>Semester of study</b>	5	<b>ECTS credits</b>			2.0		
<b>Learning profile</b>	academic	<b>Assessment form</b>			credit		
<b>Conducting unit</b>							
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr hab. Krzysztof Banaś				
	<b>Teachers</b>						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	0.0	0.0	30.0	0.0	0.0	30
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	30		5.0		15.0	50
<b>Subject objectives</b>	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.						
<b>Learning outcomes</b>	<b>Course outcome</b>		<b>Subject outcome</b>		<b>Method of verification</b>		
	[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		
<b>Subject contents</b>	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.						
<b>Prerequisites and co-requisites</b>							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		Individual field research report	51.0%
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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