

1.	Field of study	Environmental Protection
2.	Faculty	Faculty of Natural Sciences
3.	Academic year of entry	2025/2026 (winter term)
4.	Level of qualifications/degree	first-cycle studies
5.	Degree profile	general academic
6.	Mode of study	full-time

7.	General information about the module	
Module name		Elements and resources of the environment - field exercise I
Module code		1OS_23_33
Number of the ECTS credits		3
Language of instruction		
Purpose and description of the content of education		Moduł Elementy i zasoby środowiska – ćwiczenia terenowe umożliwią studentowi uzyskanie wiedzy o różnorodności roślin i zwierząt występujących na różnych typach siedlisk oraz dokonanie obserwacji fenologicznych wybranych gatunków w celu poznania ich cyklu życiowego. Pogłębia umiejętności rozpoznawania oraz oznaczania, przy użyciu odpowiednich kluczy i przewodników terenowych, wybranych grup roślin i zwierząt, a także umożliwia zdobycie wiedzy o podstawowych technikach zbierania i konserwowania roślin i zwierząt. Student nabywa umiejętności w zakresie rozpoznawania abiotycznych elementów przestrzennych jednostek przyrodniczych i ich zasobów. Poznaje aspekty wykorzystania zasobów i ich znaczenie dla środowiska. Moduł zapoznaje także z metodami opracowań terenowych, stosowanych w badaniach fizycznogeograficznych.
List of modules that must be completed before starting this module (if necessary)		not applicable

8.	Learning outcomes of the module			
Code	Description	Learning outcomes of the programme	Level of competenc (scale 1-5)	
U01	Student presents the results of independent work as reports and can prepare independently documentation of the exercises carried out.	1OS_U04	5	
W01	The student knows and understands to an advanced degree the functioning of the organism (plant and animal) as a whole and the relationship between the organism and the environment.	1OS_W01	4	
		1OS_W03	4	
		1OS_W04	5	
W02	The student knows the types of experimental and field methods and lists modern laboratory, measurement, and imaging techniques representing advanced knowledge in the field	1OS_W03	2	

9.	Methods of conducting classes		
Code	Category	Name (description)	
b08	Problem-solving methods	Activating method – peer learning <i>learning through the exchange of knowledge in a group/team/pair of students, i.e., in the so-called learning cell; a kind of mutual learning; an approach focused on student activity under the guidance of the person teaching the course; a learning</i>	

		<i>situation where students with a similar level of experience learn from one another</i>
c06	Demonstration methods	Demonstration-imitation <i>a presentation of a model way of performing specific activities accompanied by a commentary; it aims at triggering imitation activities in an individual or in a group of participants observing the activities of the person teaching the course until the right habit is formed through regular exercise; the demonstration-imitation method is combined with a physical practice of activities/behaviours</i>
e01	Practical methods	Laboratory exercise / experiment <i>[also conducted as fieldwork] a method of practical application of knowledge; implemented in three stages: the recognition of a problem induced by the task content, the formulation of the problem and the attempt to solve it accompanied by the assessment of the effects; the goal is to acquire skills, abilities and habits, and to consolidate the acquired knowledge so that it becomes operational; the laboratory method assumes greater independence of learners than carrying out an experiment</i>
e02	Practical methods	Production exercise – workshop <i>an activity involving the creation of an object/product according to the rules/principles/description provided by the academic teacher acting as the workshop master</i>
e06	Practical methods	Observation <i>also conducted as fieldwork; a method of watching phenomena, objects or people in a systematic/planned way in order to gain knowledge about them; perceptual separation of elements of a model action as an element of learning through imitation; a complex system of cognition based on sensory experiences</i>
e08	Practical methods	Practice-as-research <i>also conducted as fieldwork; an activity aimed at confronting the acquired theory with practice through its practical application; students situate themselves in the reality they observe, study and transform through the prism of the theory; the method of practical classes is dominated by the application of knowledge to solving practical tasks</i>
e09	Practical methods	Plein air session <i>implementation of a creative task in an open-air area, e.g. outside the studio</i>

10. Forms of teaching					
Code	Name	Number of hours	Assessment of the learning outcomes of the module	Learning outcomes of the module	Methods of conducting classes
01	field practice	84	course work	U01, W01, W02	b08, c06, e01, e02, e06, e08, e09

11. The student's work, apart from participation in classes, includes in particular:			
Code	Category	Name (description)	Is it part of the BUNA?
a01	Preparation for classes	Search for materials and review activities necessary for class participation <i>reviewing literature, documentation, tools and materials as well as the specifics of the syllabus and the range of activities indicated in it as required for full participation in classes</i>	Yes
a03	Preparation for classes	Developing practical skills <i>activities involving the repetition, refinement and consolidation of practical skills, including those developed during previous classes or new skills necessary for the implementation of subsequent elements of the curriculum (as preparation for class participation)</i>	No
b02	Consulting the curriculum and the organization of classes	Verification / adjustment / discussion of syllabus provisions <i>consulting the content of the syllabus, possibly in the presence of the year tutor or members of the class group, and, if necessary, reassessing the provisions concerning special conditions for class participation, e.g., space and time requirements, technical and other requirements, including conditions for participation in classes outside the walls of the university, classes organized in blocks, organized</i>	Yes

		<i>online, etc.</i>	
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Information on the details of the module implementation in a given academic year can be found in the syllabus available in the USOS system: <https://usosweb.us.edu.pl>.