

1.	Field of study	Biology
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		Ecology and nature conservation field courses
Module code		1BL_25_28
Number of the ECTS credits		3
Language of instruction		Polish
Purpose and description of the content of education		<p>The Fieldwork in Ecology and Nature Conservation module aims to provide practical knowledge of biodiversity at the species, population and ecosystem levels and an understanding of its determinants. It enables students to observe the stages of vegetation succession, as well as natural and semi-natural ecosystems under legal protection, including those in national parks. Students learn about methods of field research on plant and animal populations, phytocenosis analysis, and practical measures for the protection of natural habitats, which forms the basis for independent research work. The knowledge and skills acquired promote an understanding of the importance and methods of biodiversity conservation.</p> <p>In addition, students learn the principles of organising and conducting field classes in nature education, taking into account cognitive and educational goals as well as the safety of participants.</p>
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)	
1BL_23_28_1	It explains the basic rules and describes the mechanisms of life functioning at the organism, population, phytocoenosis, and ecosystem levels. Recognizes the basic structures, phenomena, and natural processes in the living world. Compares the structure of natural, semi-natural, and anthropogenic ecosystems.	1BL_U10	2	
		1BL_U11	2	
		1BL_U12	3	
		1BL_U13	3	
		1BL_W01	3	
		1BL_W02	2	
		1BL_W04	4	
		1BL_W07	3	
		1BL_W08	3	
		1BL_W09	2	
		1BL_W12	3	

		1BL_W13 1KN_P_W02	2 4
1BL_23_28_2	Characterizes the diversity of flora, fauna, and phytocenoses and demonstrates knowledge of the factors shaping it. Distinguishes and describes selected types of natural habitats based on phytosociological identifiers.	1BL_W01 1BL_W02 1BL_W04 1BL_W07 1KN_P_U03	3 3 3 4 3
1BL_23_28_3	He learns the nomenclature and principles of classifying plant communities and natural habitats.	1BL_W02 1BL_W07	3 4
1BL_23_28_4	He gets acquainted with the nature of the national park and the rules and restrictions applicable in its area.	1BL_W02 1BL_W07 1BL_W10 1BL_W12 1BL_W13	3 3 3 3 2
1BL_23_28_5	He knows the methods of sampling in different environments. Using portable meters, he performs simple measurements of water's physical and chemical properties in the field.	1BL_W01 1BL_W02 1BL_W04 1BL_W08 1BL_W09	2 2 2 1 2
1BL_23_28_6	He acquaints with the methods of field research of plant and animal populations and phytocenoses as well as methods of protecting natural habitats.	1BL_K01 1BL_K02 1BL_K03 1BL_K04 1BL_K05 1BL_U01 1BL_U02 1BL_U03 1BL_U04 1BL_U05 1BL_U09 1BL_U11 1BL_U12 1BL_U13 1BL_W04 1BL_W08	4 3 3 3 3 3 3 3 3 3 4 3 5 3 4 5

		1BL_W09	3
1BL_23_28_7	Recognizes the primary threats to natural habitats and ways to protect them.	1BL_K01	3
		1BL_K02	5
		1BL_K03	3
		1BL_K04	3
		1BL_K05	4
		1BL_U03	3
		1BL_U04	3
		1BL_U07	3
		1BL_U09	3
		1BL_U10	3
		1BL_U11	3
		1BL_U12	3
		1BL_U13	3
		1BL_W01	3
		1BL_W02	3
		1BL_W04	5
		1BL_W07	3
		1KN_P_K01	3
		1KN_P_K03	3

9. Methods of conducting classes		
Code	Category	Name (description)
b02	Problem-solving methods	Lecture-discussion <i>transmission of content involving interaction with the lecture audience; discussion of lecture-related issues is one of its elements or constitutes its follow-up</i>
b04	Problem-solving methods	Activating method – discussion / debate <i>an exchange of views supported by substantive arguments leading to a clash of different views, a compromise or the identification of common positions; it proceeds according to previously agreed-upon rules regarding the time, manner and turn-taking as well as the principles of civil discourse; a discussion is not a competition but aims at finding the best solutions or presenting different points of view; its varieties include brainstorming, Oxford-style debate, panel discussion, decision tree, conference discussion; a debate is an orderly dispute between supporters and opponents of a viewpoint, usually specialists in the field or pre-selected representatives of a group dealing with a common problem</i>
b07	Problem-solving methods	Activating methods: a case study <i>a comprehensive description of a phenomenon connected with the selected discipline; reflecting the reality, presenting the 'what', 'where' and 'how' of the phenomenon, i.e., all of its key aspects to be discussed in class; used as a reproduction, presentation, discussion or diagnosis of factors that shape the phenomenon or interact with it; an in-depth qualitative analysis and evaluation of a selected phenomenon</i>
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 situation where students with a similar level of experience learn from one another</i>
c08	Demonstration methods	Value-based methods – affective methods <i>methods of participating in exhibited moral, social, aesthetic and scientific values; activities evoking genuine emotional reactions to works/objects/actions; a method which activates an emotional response to the presented content, intensifies attention, depth of experience and a reflection on values</i>
d02	Programmed learning methods	Working with a programmed textbook <i>working with a textbook containing instructional material covering part of or the entire curriculum of the module as well as a formula for studying the content; includes working with a subject textbook, an atlas, a catalogue, a problem book, etc.</i>
d03	Programmed learning methods	Working with another teaching tool <i>e.g. using websites in any way or according to the rules set by the teacher; or making use of other subject-specific tools</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>
f01	Methods of self-learning	Self-education <i>a method which involves independent acquisition of knowledge, skills and social competences, extending their scope and quality; complementary to the learning process taking place in class; taking on the task of developing and adjusting qualifications on one's own; self-study</i>
f02	Methods of self-learning	Individual work with a text <i>searching for and acquiring new information using textbooks and other written sources (including their digital versions); searching for texts, selecting fragments for analysis/interpretation, using other texts to solve a problem related to the studied issue</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
1BL_23_18_Z-T	field practice	75	course work	1BL_23_28_1, 1BL_23_28_2, 1BL_23_28_3, 1BL_23_28_4, 1BL_23_28_5, 1BL_23_28_6, 1BL_23_28_7	b02, b04, b07, b08, c08, d02, d03, e08, f01, f02

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
a02	Preparation for classes	Literature reading / analysis of source materials <i>reading the literature indicated in the syllabus; reviewing, organizing, analyzing and selecting source materials to be used in class</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</i>	Yes

		<i>elements of the curriculum (as preparation for class participation)</i>	
a04	Preparation for classes	Consulting materials complementary to those indicated in the syllabus <i>agreeing on materials complementary to those indicated in the syllabus, supporting the implementation of tasks resulting from or necessary for class participation</i>	Yes
a05	Preparation for classes	Production/preparation of tools, materials or documentation necessary for class participation <i>developing, preparing and assessing the usefulness of tools and materials (e.g. aids, scenarios, research tools, equipment, etc.) to be employed in class or as an aid when preparing for classes</i>	Yes
b01	Consulting the curriculum and the organization of classes	Getting acquainted with the syllabus content <i>reading through the syllabus and getting acquainted with its content</i>	Yes
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 online, etc.</i>	Yes
b03	Consulting the curriculum and the organization of classes	Consulting the schedule <i>getting acquainted with the class schedule, possibly in the presence of the year tutor, in order to optimize participation in classes, including those supplementary to the core subjects listed in the pursued study programme</i>	Yes
c01	Preparation for verification of learning outcomes	Determining the stages of task implementation contributing to the verification of learning outcomes <i>devising a task implementation strategy embracing the division of content, the range of activities, implementation time and/or the method(s) of obtaining the necessary materials and tools, etc.</i>	Yes
c02	Preparation for verification of learning outcomes	Studying the literature used in and the materials produced in class <i>exploring the studied content, inquiring, considering, assimilating, interpreting it, or organizing knowledge obtained from the literature, documentation, instructions, scenarios, etc., used in class as well as from the notes or other materials/artifacts made in class</i>	Yes
c03	Preparation for verification of learning outcomes	Implementation of an individual or group assignment necessary for course/phase/ examination completion <i>a set of activities aimed at performing an assigned task, to be executed out of class, as an obligatory phase/element of the verification of the learning outcomes assigned to the course</i>	Yes
d01	Consulting the results of the verification of learning outcomes	Analysis of the corrective feedback provided by the academic teacher on the results of the verification of learning outcomes <i>reading through the academic teacher's comments, assessments and opinions on the implementation of the task aimed at checking the level of the achieved learning outcomes</i>	Yes
d03	Consulting the results of the verification of learning outcomes	Review of internship documentation <i>an analysis of the portfolio of documentation obtained during internship, including professional internship, and other practical classes and studio sessions, as well as the documentation developed in order to obtain credit for such classes; verification of the description, necessary attachments, opinions and grades before submitting the portfolio for acceptance</i>	Yes
e01	Activities complementary to the classes	Undertaking, on one's own initiative and individually, activities aimed at expanding the scope or depth of the teaching content, also beyond the walls of the University <i>a set of activities undertaken independently and on the student's own initiative, aimed at expanding the depth and scope of knowledge and skills, their revision and repetition, retention or verification, also activities carried outside the university, e.g., in a culture promoting or educational institution, a</i>	Yes

		<i>laboratory, in the open air, etc.; also self-education</i>	
e02	Activities complementary to the classes	Publication of a work/presentation of an activity, also beyond the walls of the University <i>a set of activities carried out to disseminate (out of class) the effects of scholarly research, artistic, creative, project, construction, experimental work, etc., in the form of a classic presentation, exhibition, concert, projection, poster presentation, media mediated publication, in the digital form and as part of other activities; dissemination using various forms and tools</i>	Yes
e03	Activities complementary to the classes	Participation in non-obligatory teaching, research or organizational grants intensifying the achievement of the assumed learning outcomes <i>research, artistic, social and other activities not indicated in the curriculum, undertaken on the student's own initiative as a way of supplementing, enriching or extending the content and activities indicated in the module curriculum, intensifying the achievement of learning outcomes</i>	Yes

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>.