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	**Field research methods**
Module code	1OS_23_44
Number of the ECTS credits	2
Language of instruction	
Purpose and description of the content of education	The Field Research Methods module is a compensatory class designed to enable first-year students to review and systematize their knowledge of methods used in field research at a level that will enable them to effectively assimilate the content covered by the first-cycle study program in the field of Environmental Protection. It is also designed to encourage students to deepen their knowledge of natural sciences. After completing the module, the student should know the most important methods of field research, the different types of equipment used in the field, the rules for their proper use, and the collection and conservation of research material. They should know the safety rules during field research and acquire the basic skills of using field equipment.
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)
K01	Can acquire, preserve and label research material.	1OS_K02	3
U01	Solves fundamental research problems individually and in a team, performs simple measurements in the field under the supervision of a tutor, and makes field observations.	1OS_U01	4
U02	It synthesizes data from various sources and concludes on this basis.	1OS_U02 1OS_U04	4 3
W01	The student knows the general principles of safe work in the field. Explains the principles of selecting field research methods and can apply them. Can acquire, preserve and label research material.	1OS_W04 1OS_W06	3 4
W02	Describes and interprets biodiversity using i.a. computer software packages.	1OS_W07	3

9. Methods of conducting classes

Code	Category	Name (description)
a01	Lecture methods / expository methods	Formal lecture/ course-related lecture

		a systematic course of study involving a synthetic presentation of an academic discipline; its implementation assumes a passive reception of the information provided
a03	Lecture methods / expository methods	Description *a description of objects, phenomena, processes or people; it involves specifying the structure and characteristic features of the object, phenomenon, or process being described; it is usually accompanied by a demonstration of the described object or by its models, drawings, tables, charts, etc.; a description may take the form of an explanation, classification, justification or comparison*
d01	Programmed learning methods	Working with a computer *e.g., Webquest; implementation of educational tasks using electronic and digital devices, computer programs and Internet applications; the academic teacher acts as a consultant; students' work is carried out step by step according to the plan laid own by the person teaching the course and following his instructions, and proceeds towards producing the indicated results within the set deadline*
e05	Practical methods	Internship *including professional and individual training; gaining skills and experience in real-life conditions, e.g., in the environment, institution or workplace the student is preparing for by following a specific study programme; training in real working conditions*
e06	Practical methods	Observation *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*

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	10	course work	K01, U01, W01	e05, e06
02	discussion classes	14	course work	K01, U02, W02	d01, e06
03	lecture	6	course work	K01, U02, W01	a01, a03

11. The student's work, apart from participation in classes, includes in particular:

Code	Category	Name (description)	Is it part of the BUNA?
b01	Consulting the curriculum and the organization of classes	Getting acquainted with the syllabus content *reading through the syllabus and getting acquainted with its content*	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 *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*	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.