

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

7. General information about the module	
Module name	Field practical classes
Module code	AQ_006
Number of the ECTS credits	6
Language of instruction	English
Purpose and description of the content of education	During field exercises, the student learns the principles and methods of field research carried out as part of the monitoring of surface waters and groundwater. They will acquire basic knowledge in the field of hydrological and hydrogeological mapping and the ability to graphically interpret the results of field work. He will get acquainted with the methods of quantitative and qualitative research of waters. He will know the methods of determining species of plants and animals associated with the aquatic environment.
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)
01	Having knowledge about the surface water environment.	AQ2_U06 AQ2_W01	2 3
02	Having knowledge about the groundwater environment.	AQ2_K01 AQ2_U04 AQ2_W01	2 2 3
03	Having knowledge of hydrobiology.	AQ2_K02 AQ2_U11 AQ2_W01	2 2 3
04	Knowledge of the basics of practical application of research methods in the field of water sciences	AQ2_K02 AQ2_K05 AQ2_U02 AQ2_W02 AQ2_W04	3 2 3 3 3

05	Demonstration of the ability to critically analyze the application of selected research methods in water sciences	AQ2_K01	2
		AQ2_U06	3
		AQ2_W02	2
06	Ability to plan and organize independent and team work in field research.	AQ2_K04	3
		AQ2_U10	4

9. Methods of conducting classes		
Code	Category	Name (description)
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>

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	60	course work	01, 02, 03, 04, 05, 06	e06, e08

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
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>	No
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

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>.