1.	**Field of study**	**Aquamatics - Interdisciplinary Management of Water Environments**
2.	Faculty	Faculty of Natural Sciences
3.	Academic year of entry	2023/2024 (winter term), 2024/2025 (winter term)
4.	Level of qualifications/degree	first-cycle studies (in engineering)
5.	Degree profile	general academic
6.	Mode of study	full-time

7.	**General information about the module**
Module name	**Work placement 1**
Module code	W2-AQ-S1-044
Number of the ECTS credits	3
Language of instruction	Polish
Purpose and description of the content of education	The module prepares students for professional employment in line with the profile of a graduate in Aquamatyka. It enhances the knowledge and skills acquired during studies and allows for their practical application. It enables students to gain experience in the job market. It also develops the ability to work in a team, conscientiously fulfill assigned tasks, and take responsibility for the work performed.
List of modules that must be completed before starting this module (if necessary)	[W2-AQ-S1-021] GIS 1 [W2-AQ-S1-022] GIS 2 [W2-AQ-S1-015] Water status and resources monitoring [W2-AQ-S1-018] Basics of chemical analytics [W2-AQ-S1-023] Basics of data analysis [W2-AQ-S1-012] Basics of chemistry [W2-AQ-S1-014] Basics of ecology [W2-AQ-S1-031] Basics of ecotoxicology [W2-AQ-S1-011] Basics of engineering geology [W2-AQ-S1-040] Basics of water management 1 [W2-AQ-S1-008] Basics of hydrobiology [W2-AQ-S1-010] Basic of hydrogeology [W2-AQ-S1-035] Basics of engineering and mining hydrogeology [W2-AQ-S1-009] Basics of hydrology [W2-AQ-S1-025] Basics of hydrotechnics [W2-AQ-S1-034] Basics of ichtyology [W2-AQ-S1-007] Basics of computer science and network security [W2-AQ-S1-005] Basics of mathematics and statistics 1 [W2-AQ-S1-016] Basics of meteorology and climatology [W2-AQ-S1-032] Basics of chemometric methods [W2-AQ-S1-017] Basics of aquatic microbiology [W2-AQ-S1-043] Basics of groundwater modelling [W2-AQ-S1-036] Basics of surface water modelling 1 [W2-AQ-S1-037] Basics of surface water modelling 2 [W2-AQ-S1-024] Basics of environmental protection [W2-AQ-S1-020] Basics of water reclamation and renaturalisation [W2-AQ-S1-019] Basic principles of documentation preparation

	[W2-AQ-S1-026] Engineering project 1 [W2-AQ-S1-027] Engineering project 2 [W2-AQ-S1-028] Engineering project 3 [W2-AQ-S1-030] Engineering proseminar [W2-AQ-S1-033] Water in the city [W2-AQ-S1-045] Basics of hydrogeology - field classes [W2-AQ-S1-046] Basics of hydrology - field classes

8. Learning outcomes of the module

Code	Description	Learning outcomes of the programme	Level of competenc (scale 1-5)
W2-AQ-S1-044 _1	Wykorzystuje zdobytą wiedzę i umiejętności we współpracy z instytucjami i przedsiębiorstwami związanymi z profilem kierunku Aquamatyka.	AQ1_K02 AQ1_K04 AQ1_U01 AQ1_U03 AQ1_U08	4 4 4 4 4
W2-AQ-S1-044 _2	Zna i stosuje podstawowe zasady bezpieczeństwa, higieny pracy i ergonomii uwzględniające specyfikę instytucji i przedsiębiorstw, w których realizuje praktyki.	AQ1_U01	4
W2-AQ-S1-044 _3	Pracuje w zespole w celu wykonania powierzonych zadań.	AQ1_U10	4
W2-AQ-S1-044 _4	Wykazuje odpowiedzialność za powierzony sprzęt i materiały.	AQ1_K05	4

9. Methods of conducting classes

Code	Category	Name (description)
a05	Lecture methods / expository methods	Explanation/clarification *explication involving the derivation of a predetermined theorem from other, already known ones, in the number of steps specified by the person teaching the course*
b07	Problem-solving methods	Activating methods: a case study *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*
b10	Problem-solving methods	SWOT analysis *a method of analyzing a phenomenon/action/work of an institution, employed to organize information and solve problems; applied in strategic planning, project implementation or solving a business or organizational problem; a universal tool to be used in the initial stage of a strategic analysis which involves sorting information about a problem into four categories: strengths and weaknesses, opportunities and threats; SWOT analysis makes it possible to determine the factors in favour of a project and its chances for success, as well as eliminating or reducing negative factors and threats to the project at the stage of early diagnosis*
d03	Programmed learning methods	Working with another teaching tool *e.g. using websites in any way or according to the rules set by the teacher; or making use of other subject-specific tools*

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
W2-AQ S1-044_fs _1	internship	60	course work	W2-AQ-S1-044 _1, W2-AQ-S1-044 _2, W2-AQ-S1-044 _3, W2-AQ-S1-044 _4	a05, b07, b10, d03, e05, e06

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

Code	Category	Name (description)	Is it part of the BUNA?
a02	Preparation for classes	Literature reading / analysis of source materials *reading the literature indicated in the syllabus; reviewing, organizing, analyzing and selecting source materials to be used in class*	No
a03	Preparation for classes	Developing practical skills *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)*	No
d03	Consulting the results of the verification of learning outcomes	Review of internship documentation *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*	No

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.