SYLLABUS

1. Information about the programme

1.1 Higher education institution	**Babeş-Bolyai University of Cluj-Napoca**
1.2 Faculty	**Environmental Science and Engineering**
1.3 Department	**Environmental Analysis and Assessment**
1.4 Field of study	**Environmental Engineering**
1.5 Study cycle	**Bachelor**
1.6 Study programme / Qualification	**Environmental Engineering**

2. Information on the discipline

2.1 Name of the discipline	**Diploma project practice**						
2.2 Course coordinator							
2.3 Seminar coordinator							
2.4. Year of study	**IV**	2.5 Semester	**8**	2.6. Type of evaluation	**C**	2.7 Type of discipline	Mandatory

3. Total estimated time (hours/semester of didactic activities)

3.1 Hours per fieldwork stage	60	Of which: 3.2 course	-	3.3 seminar/laboratory	-
3.4 Total hours in the curriculum	60	Of which: 3.5 course	-	3.6 seminar/laboratory	-

Time allotment:	hours
Learning using manual, course support, bibliography, course notes	-
Other documentation (in libraries, on electronic platforms, field documentation)	-
Preparation for seminars/labs, homework, papers, portfolios and essays	-
Tutorship	-
Evaluations	-
Other activities: practical field activities	-

3.7 Total individual study hours	-
3.8 Total hours per semester	60
3.9 Number of ECTS credits	2

4. Prerequisites (if necessary)

4.1. curriculum	Not applicable
4.2. competencies	Not applicable

5. Conditions (if necessary)

5.1. for the course	Not applicable
5.2. for the seminar /lab activities	Not applicable

6. Specific competencies acquired

Professional competencies	• Applying the methodology for preparing a dissertation • Collecting, analyzing, and interpreting data and information related to the research topic chosen by the student • Gaining deeper insight into the specialized topics and practical applications related to the research domain.
Transversal competencies	• Developing original approaches or solutions to complex problems • An integrated approach to interdisciplinary concepts • Making connections with other studied disciplines

7. Objectives of the discipline (outcome of the acquired competencies)

7.1 General objective of the discipline	To develop students' ability to conduct independent, scientifically rigorous research by applying methodological principles, and practical skills, culminating in the preparation, documentation, and defense of a high-quality dissertation that addresses a specific research topic within their field of study.
7.2 Specific objective of the discipline	Strengthening critical thinking and analytical skills. Fostering interdisciplinary approaches and integrative understanding. Ensuring adherence to academic and ethical standards.

8. Content

8.1 Practical activities	Teaching methods	Remarks
Conducting independent research, collecting and analyzing data, applying research methodologies, and integrating findings to draw original conclusions, all while adhering to academic standards and preparing for the dissertation defense.	Discussions Supervision	-
Bibliography: 1. The bibliography recommended by the scientific supervisor or the one considered relevant by the student, depending on the chosen research topic.		

9. Corroborating the content of the discipline with the expectations of the epistemic community, professional associations and representative employers within the field of the program

- In accordance with the specific preparation requirements outlined in the curriculum.

10. Evaluation

Type of activity	10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Share in the grade (%)
10.4 Practical activity	Methodological Rigor and Data Collection and Analysis	Ongoing assessment Synthesis of the dissertation work	50% 50%
10.6 Minimum performance standards			
Fulfillment of at least 75% of the evaluation requirements			

Date Signature of course coordinator Signature of seminar coordinator

December 2, 2024

Date of approval Signature of the head of department

December 4, 2024