

SYLLABUS

PRIORITY HABITATS IN ROMANIA

University year 2026-2027

1. Information regarding the programme

1.1. Higher education institution	Babeş-Bolyai University
1.2. Faculty	Faculty of Biology and Geology
1.3. Department	Integrative Biology Doctoral School
1.4. Field of study	Biology
1.5. Study cycle	Doctorate
1.6. Study programme/Qualification	Doctoral training / PhD in Biology
1.7. Form of education	

2. Information regarding the discipline

2.1. Name of the discipline	Priority habitats in Romania			Discipline code	BDR		
2.2. Course coordinator	Prof. dr. László Rákósy						
2.3. Seminar coordinator	Prof. dr. László Rákósy						
2.4. Year of study	1	2.5. Semester	1	2.6. Type of evaluation	E	2.7. Discipline regime	O

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

3.1. Hours per week	4	of which: 3.2 course	2	3.3 seminar/laboratory	2
3.4. Total hours in the curriculum	48	of which: 3.5 course	24	3.6 seminar/laborator	24
Time allotment for individual study (ID) and self-study activities (SA)					hours
3.5.1. Learning using manual, course support, bibliography, course notes (SA)					64
3.5.2. Additional documentation (in libraries, on electronic platforms, field documentation)					64
3.5.3. Preparation for seminars/labs, homework, papers, portfolios and essays					38
3.5.4. Tutorship					34
3.5.5. Evaluations					4
3.5.6. Other activities					0
3.7. Total individual study hours					204
3.8. Total hours per semester					252
3.9. Number of ECTS credits					7

4. Prerequisites (if necessary)

4.1. curriculum	No preconditions.
4.2. competencies	Using Ms Word; Speaking and writing skills in English.

5. Conditions (if necessary)

5.1. for the course	<ul style="list-style-type: none"> Lecture room with projector, Power Point softwear Online communication platforms (MS Teams/Zoom).
5.2. for the seminar /lab activities	<ul style="list-style-type: none"> Lecture room with projector, Power Point softwear, internet access Presenting a report on a specific topic is a prerequisite for taking the exam.

6.1. Specific competencies acquired

Professional/essential competencies	<ul style="list-style-type: none"> Knowledge of international conventions on biodiversity conservation ratified by Romania Understanding the complexity and importance of priority habitats Skills in analyzing and critically interpreting information
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Transversal competencies	<ul style="list-style-type: none"> • Ability to correlate interdisciplinary and multidisciplinary information related to habitats • Developing the ability to use conservation biology concepts in personal research

6.2. Learning outcomes

Knowledge	The student has: Knowledge and ability to use specialized literature related to habitats in Romania. Theoretical and practical knowledge that allows the identification of priority habitats
Skills	The student is able to: Recognize, identify, and describe the main priority habitats in Romania
Responsibility and autonomy:	The student has the ability to work independently for: Recognition and description of priority habitats in Romania

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

7.1 General objective of the discipline	Knowledge and correct interpretation of the structure and dynamics of priority habitats
7.2 Specific objective of the discipline	<ul style="list-style-type: none"> • Ability to correlate information on the structure and management of priority habitats in Romania; • Skills in multidisciplinary analysis of priority habitats; • Ability to identify habitat types in the field. • Developing skills in scientific writing (e.g. writing research articles or the Ph.D. thesis).

8. Content

8.1 Course	Teaching methods	Remarks
1. Global and European biodiversity conservation strategy	Presentation, discussion, case studies,	4 hours
2. Regulatory acts regarding habitats in Romanian legislation		2 hours
3. The Habitats Directive and the Bern Convention		4 hours
4. Priority habitats with woody vegetation		4 hours
5. Priority habitats with herbaceous vegetation		6 hours

Bibliography		
<ol style="list-style-type: none"> 1. Brînzan T.-red. 2013. Catalogul habitatelor, speciilor și siturilor Natura 2000 din România. Ed. Fundația Centrul Naț. Pentru Dezv. Durabilă, București 2. Cristea V. 1995 La conservation de la nature in Roumanie L'uomo e l'ambiente, Camerino, 18: 1-104 3. Doniță N et al. 2005. Habitatele din România. Ed Tehnică-Silvică, București. 4. Lazăr G et al. 2007. Habitate prioritare alpine, subalpine și forestiere din România. Amenajari potențiale. Ed. "Transilvania" Brașov. 5. Schneider E., Drăgulescu C. 2005. Habitate și situri de interes comunitar. Ed. Univ. Lucian Blaga, Sibiu. 6. Stăncioiu T. Et al. 2008. Habitate prioritare alpine, subalpine și forestiere din România. Măsuri de gospodărire. Ed. Univ. "Transilvania" Brașov. 		
8.2 Seminar	Teaching methods	Remarks
Field application: recognition of habitat types	Conversation, analysis, identification	6 hours
The concepts of habitat, biotope, ecotope, site, locality	Seminar, conversation	2 hours
Legislation: O.U. 57/2007 + republished, Law 5 of 2000	Seminar, debate	2 hours
Indicator, key, target, umbrella, charismatic, redundant species, etc.	Seminar	2 hours
Examen		2 hours
Bibliography		
<ol style="list-style-type: none"> 1. Conbroux I., Schwoerer C., 2007. Evaluarea statutului de conservare al habitatelor și speciilor de interes comunitar din România – ghid metodologic. Ed. Balcanic, Timișoara. 2. Directiva 92/43CEE privind conservarea habitatelor și a speciilor de flora și fauna sălbatică, ratificată prin OU 57/2007 3. Legea 5/2000 4. European Comission / Red List of Habitats Part 1: Marine Habitats, Part 2: Terrestrial and freshwater habitats. 		

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

<ul style="list-style-type: none"> • The courses have a similar content with courses at other European universities, and it takes into account the abilities of Ph.D. students; • Through its content, the course responds to theoretical and practical needs that are useful for doctoral research. • Doctoral students develop communication skills as well as the ability to associate, synthesize, and interpret data from specialized literature and fieldwork.

10. Evaluation

Activity type	10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Percentage of final grade
10.4 Course	Assessment of knowledge	Ongoing tests	50%
10.5 Seminar/ Field application	Activity during seminars and field applications	Writing tasks, exercises, discussions, answers to questions	50%
10.6 Minimum standard of performance			
<ul style="list-style-type: none"> • Knowledge of 50% of the content presented during the courses; • Fulfilling 50% of the activity during the seminars and field applications. 			

11. Labels ODD (Sustainable Development Goals)

	General label for Sustainable Development
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Date: 3.01.2026

Signature of course coordinator

Signature of seminar coordinator

19.02.2026

Prof.dr. László Rákósy

Prof.dr. László Rákósy

Date of approval:

Signature of the head of department

23.02.2026

CS I. Dr. COJOCARU Vlad