

COURSE SYLLABUS

1. Data about the program

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

2. Course data

2.1 Name of discipline	Priority habitats in Romania						
2.2 Teacher responsible for lectures	Prof. László Rákósy						
2.3 Teacher responsible for seminars	2.2 Teacher responsible for lectures		Prof. László Rákósy				
	2.3 Teacher responsible for seminars		Prof. László Rákósy				
2.4 Year of study	1	2.5 Semester	2	2.6. Type of evaluation	E	2.7 Course framework	
3. Estimated total time of teaching activities (hours per semester)							
3.1 Hours per week		4	Out of which: 3.1 Lectures		2	3.3 Seminars / Laboratory classes	
3.4 Total hours in the curriculum		48	Out of which: 3.5 Lectures		24	3.6 Seminars / Laboratory classes	
Allocation of study time:							Hs.
Study supported by textbooks, other course materials, recommended bibliography and personal student notes							64
Additional learning activities in the library, on specialized online platforms and in the field							64
Preparation of seminars / laboratory classes, topics, papers, portfolios and essays							38
Tutoring							34
Examinations							4
2.4 Year of study	1	2.5 Semester	2	2.6. Type of evaluation	E	2.7 Course framework	
							Opt.

3. Estimated total time of teaching activities (hours per semester)

3.1 Hours per week		4	Out of which: 3.2 Lectures		2	3.3 Seminars / Laboratory classes	
3.4 Total hours in the curriculum		48	Out of which: 3.5 Lectures		24	3.6 Seminars / Laboratory classes	
Allocation of study time:							Hs.
Study supported by textbooks, other course materials, recommended bibliography and personal student notes							64

Additional learning activities in the library, on specialized online platforms and in the field	64
Preparation of seminars / laboratory classes, topics, papers, portfolios and essays	38
Tutoring	34
Examinations	4
Other activities: -	0
3.7 Individual study (total hours)	204
3.8 Total hours per semester	252
3.9 Number of credits	7

4. Preconditions (where applicable)

4.1 Curriculum	•
4.2 Competences	•

5. Conditions (where applicable)

5.1 Conducting lectures	Classroom, equipped with laptop, video projector and suitable software, Power Point, Word, multimedia applications, Internet
5.2 Conducting seminars / laboratory classes	The submission of a report on a specific topic is a prerequisite for participation in the examination

6. Specific competences acquired

Professional competences	C12. Knowledge and understanding of advanced concepts, theories, and methods of biology; their proper use in professional communication.
Transversal competences	CT1. Ability to work in life science research teams, solving problems and decision making, organizing group activities.

7. Course objectives (based on the acquired competencies grid)

7.1 The general objective of the course	Knowing and correctly interpreting the structure and dynamics of priority territories
7.2 Specific objectives	Skills in the correlation of information on the structure and management of priority habitats in Romania; Skills in multidisciplinary analysis of priority habitats; Ability to identify habitat types on the ground

8. Content

8.1 Lectures	Teaching methods	Comments
Global and European biodiversity conservation strategy		2 hs

Habitats legislation in Romania	Lecture with heuristic conversation	4 hs
Habitats Directive and Bern Convention		4 hs
Priority habitats with woody vegetation		6 hs
Priority habitats with herbaceous vegetation		6 hs
8.2 Seminars / laboratory classes		
Field application: recognising habitat types	Seminar, debate	6 hs
Concepts of habitat, biotope, ecotope, site, locality		2 hs
O.U 57/2007 + republished, Law 5 of 2000		2 hs
Indicator species, key, target, umbrella, redundant, etc.		2 hs

Bibliography for Lectures:

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" Brasov.
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. Măsurile de gospodărire. Ed. Univ. "Transilvania" Brașov.

Bibliography for Seminars:

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. Aligning the contents of the discipline with the expectations of the epistemic community representatives, professional associations and standard employers operating in the program field

The content of the discipline is in accordance with what is taught in other university centers in the country and in abroad.

10. Examination

Activity type	10.1 Evaluation criteria	10.2 Evaluation methods	10.3 Weight in the final grade
10.4 Lectures	Assessment of knowledge	Written exam	20%
10.5 Seminars / laboratory classes	Activity during seminars	Discussions, answers to questions	80%
10.6 Minimum performance standard			
Basic knowledge for obtaining the grade 5.			

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29.07.2024

Signature of the teacher
responsible for lectures

Signature of the teacher
responsible for seminars

Prof. László Rákósy

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