

Course Information Sheet

University: <i>University of Prešov in Prešov</i>	
Faculty: <i>Faculty of Humanities and Natural Sciences</i>	
Code: <i>2EKO/TPEZX/22</i>	Title of Course: <i>Animal Ecology Field Trip</i>
Form of Study: <i>field practice</i> Number of contact hours: <i>per week:</i> <i>per level/semester: 40 hours of field practice, 40 hours of processing of field protocols into electronic form, 40 hours of elaboration of a report from a field trip</i> Method: <i>physical presence</i>	
Number of credits: <i>4</i>	
Semester: <i>4. semester/2. study year</i>	
Degree/Level: <i>bachelor</i>	
Prerequisites:	
Grading Policy (Assessment/Evaluation): <i>Attendance at seminars is mandatory. A student can have a maximum of 2 absences justified on the basis of a medical certificate. In the case of justified absence, the student will receive substitute assignments or attend consultations. In case of unjustified absences or a larger number of absences, the student will not be granted credits.</i> <i>The evaluation of the student's study results within the study subject will be performed by checking the field protocols (paper form), the electronic version of the protocols and the field practice report with a minimum success rate of 50%.</i> <i>The student will receive a grade of "graduated" if he / she actively participates in all parts of the field practice and draws up and submits written reports on the work performed. The success criteria (percentage expression of results in the evaluation of the exam from the subject) are for the classification levels as follows:</i> <i>a) A - 100.00 - 90.00%</i> <i>b) B - 89.99 - 80.00%</i> <i>c) C - 79.99 - 70.00%</i> <i>d) D - 69.99 - 60.00%</i> <i>e) E - 59.99 - 50.00%</i> <i>f) FX - 49.99 and less%</i>	
Aims and Objectives: <i>By completing the course, the student will demonstrate knowledge and skills related to field work in animal ecology research with an overlap in applied ecological and environmental sciences and related scientific disciplines that are relevant to the study of ecology and nature conservation.</i> <i>The student demonstrates the ability to:</i> <ul style="list-style-type: none"> <i>- be familiar with the methods of studying animal ecology and apply appropriate methods in practice,</i> <i>- prepare a basic design for sampling populations and animal communities in selected habitats in order to answer specific ecological questions,</i> <i>- evaluate, measure, analyze and record the basic variables that characterize the environment of animals in different habitats,</i> <i>- master and apply basic methods of collecting animal material and data in the field,</i> <i>- know the specifics of the ecology of animals of the basic habitat types,</i> <i>- determine the common representatives of animals, their ecological demands and adaptations</i> 	

to the environment,

- explain the importance of specific ecological groups and taxa in nature and in relation to humans,

- use knowledge of animal ecology in solving practical ecological tasks and problems.

After completing the course, students have the ability to further their education and are able to obtain and interpret new information in the field of practical methods and field work in the field of animal ecology.

Syllabus/Indicative Content:

1. Sampling design and experimental design in field conditions.
2. Obtaining data on the environment in terrestrial habitats.
3. Collection of animal material in herbaceous vegetation. Determination and autecology of characteristic species.
4. Collection of animal material in forest habitats. Determination and autecology of characteristic species.
5. Collection of animal material from the soil. Determination and autecology of characteristic species.
6. Acquisition of environmental data in specific aquatic habitats.
7. Collection of animal material in specific aquatic habitats. Determination and autecology of characteristic species.

Suggested readings:

HAUER, F.R. - LAMBERTI G.A. (eds.): *Methods in Stream Ecology (Second Edition)*. ELSEVIER, 2007

HENDERSON, P.A.: *Practical Methods in Ecology*. Wiley-Blackwell, 2003.

Language of Instruction: slovak, english

Other course information:

Grading history

12 students

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturer/Instructor:

doc. Mgr. Peter Manko, PhD.

doc. Mgr. Martin Hromada, PhD.

Ing. Jozef Oboňa, PhD.

PaedDr. Jakub Fedorčák, PhD.

Last update: 31/ March 2025

Approved by: