

Course Information Sheet

University: <i>Prešov University of Prešov</i>	
Faculty: <i>Faculty of humanities and natural sciences</i>	
Code: <i>2EKO/EKOPK/15</i>	Title of Course: <i>Ecology of the agricultural landscape</i>
Form of Study: <i>Present, lecture, seminar</i> Number of contact hours: per week: <i>2h + 1h</i> per level/semester: <i>lectures 20, seminars 10, preparation of seminar work 30, self work and study 60.</i> <i>In one field exercise, the student gets directly acquainted with the structure of the agricultural landscape.</i>	
Number of credits: <i>4</i>	
Semester: <i>2. semester / 1. year of study</i>	
Degree/Level: <i>2</i>	
Prerequisites: <i>---</i>	
Grading Policy (Assessment/Evaluation): <i>Active participation in lectures and seminars is mandatory. A student can have a maximum of 1 absence justified on the basis of a medical certificate. In case of unjustified non-participation or a large 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 take place:</i> <i>final test with a minimum success rate of 50%, preparation of seminar work according to instruction.</i> <i>The success criteria (percentage of results) for the classification levels are 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>Student will be able to:</i> - <i>classify biotopes of the agricultural landscape (AL)</i> - <i>describe coenoses of the selected biotopes of AL</i> - <i>define contribution of particular AL biotopes to ecological stabilization of cultural landscape</i> - <i>orient oneself between methods of AL research</i> - <i>use theoretical knowledge by research of the selected taxonomical groups and coenoses of the different AL biotopes</i>	
Syllabus/Indicative Content: 1. History, characterisation and development of the agricultural landscape 2. Actual status of the agricultural landscape 3. Classification of the biotopes occurring in the agricultural landscape 4. Natural biotopes of the agricultural landscape	

5. Anthropogenic biotopes of the agricultural landscape
6. Semi-natural biotopes of the agricultural landscape
7. Man-made sites in the agricultural landscape n.1 – waste dumps, spoil heaps
8. Man-made sites in the agricultural landscape n.2 – electric power lines, trail settling-pits
9. Man-made sites in the agricultural landscape n.3 – brownfields
10. Man-made sites in the agricultural landscape n.4 – army areas, recreation zones
11. Man-made sites in the agricultural landscape n.5 – sand-pits, gravel-pits, stone quarries
12. Man-made sites in the agricultural landscape n.6 – water reservoirs, peat bogs
13. Plots of invasive neophytes

Suggested readings:

RUŽIČKOVÁ, H. - HALADA, Ľ. - JEDLIČKA, L. – KALIVODOVÁ, E.: Biotopy Slovenska. Príručka k mapovaniu a katalóg biotopov. Ústav krajinej ekológie Slovenskej akadémie vied. Stimul, Bratislava. 1996.

STANOVÁ, V. – VALACHOVIČ, M. (eds.): Katalóg biotopov Slovenska. DAPHNE – Inštitút aplikovanej ekológie, Bratislava, 2002.

JURKO, A.: Ekologické a socioekonomické hodnotenie vegetácie. Príroda, Bratislava, 1990. KOČÍK, K. a kol.: Agroekológia. Vysokoškolský učebný text, Technická Univerzita vo Zvolene, 1997.

DRDOŠ, J.: Geoekológia a environmentalistika, I. časť Krajinná ekológia/geoekológia, jej environmentálne poslanie a úlohy. Prešovská univerzita v Prešove, Fakulta humanitných a prírodných vied, 2004.

TROPEK, R. - ŘEHOUNEK, J.: Bezobratlí postindustriálnych stanovišť: Význam, ochrana a management. Entomologický ústav AV ČR, v.v.i. a Calla, 2012.

Language of Instruction: slovak, english

Grading history

A	B	C	D	E	FX
a	b	c	d	e	f

Lecturer/Instructor: RNDr. Beáta Baranová, PhD.

Last update: 9. mája 2022

Approved by: