

Course Information Sheet

University: <i>University of Prešov in Prešov</i>	
Faculty: <i>Faculty of Humanities and Natural Sciences</i>	
Code: <i>2EKO/EKVT1/22</i>	Title of Course: <i>Bird ecology</i>
Form of Study: <i>lectures, seminars</i> Number of contact hours: <i>per week: 2 lectures, 1 seminar</i> <i>per level/semester: 20 lectures, 10 seminars, 50 seminar work hours, 40 self study hours</i> Method: <i>physical presence/traditional classrooms</i>	
Number of credits: <i>4</i>	
Semester: <i>3. semester /2. study year</i>	
Degree/Level: <i>2</i>	
Prerequisites:	
Grading Policy (Assessment/Evaluation): <i>Presence at seminars is mandatory. A student can have a maximum of 2 absences justified on the basis of a medical certificate. In the absence of the student will receive substitute tasks, respectively graduates consultation. In case of unjustified absence or a large number of absences, a student will not grant credits.</i> <i>The evaluation of the student's study results within the study subject will be performed as follows:</i> <ul style="list-style-type: none"> A. <i>continuous control of study results during the semester (seminar work) with a minimum success rate of 50%;</i> B. <i>final exam.</i> <i>The success criteria (percentage expression of results) are for the classification levels as follows:</i> <ul style="list-style-type: none"> a) <i>A - 100.00 - 90.00%</i> b) <i>B - 89.99 - 80.00%</i> c) <i>C - 79.99 - 70.00%</i> d) <i>D - 69.99 - 60.00%</i> e) <i>E - 59.99 - 50.00%</i> f) <i>FX - 49.99 and less%</i> 	
Aims and Objectives: <i>After completing the course, the student is able to explain the evolutionary past of birds as the most diverse group of vertebrates. Can describe the environmental factors that led to them adaptive radiation, the emergence of their key adaptations and to occupy the current ecological niches. The student has knowledge of phylogeny and ecology of basic groups of birds. The student has the basics knowledge of behavioral and evolutionary ecology of birds and their use in practical protection. Understands the causes that endanger specific groups. It is practical skills that allow him to independently perform basic methods, censuses, capture.</i>	
Syllabus/Indicative Content: <ul style="list-style-type: none"> 2. <i>Evolution and origin of birds, modern system and phylogeny.</i> 3. <i>Conquest of an air niche, flight.</i> 4. <i>Morphological adaptations.</i> 5. <i>Ecophysiology and senses.</i> 6. <i>Reproduction and education of offspring.</i> 7. <i>Migration and orientation.</i> 8. <i>Social behavior.</i> 9. <i>Coevolution and parasitism.</i> 	

10. Macroecology.

11. Causes of diversity and threats to birds

12. Ecosystem services of birds

13. Protection of birds

Suggested readings:

VESELOVSKÝ, Z. Obecná ornitologie. Academia 2002.

GILL, F.B. Ornithology. W.H. Freeman. 2007.

DEL HOYO, J. Handbook of the Birds of the World, 1-16. Lynx. 1992-2013

Language of Instruction: *slovak, english*

Other course information

Grading history

A	B	C	D	E	FX

Lecturer/Instructor:

doc. Mgr. Martin Hromada, PhD., lecturer, examining teacher, seminars

Last update: 13. January 2022

Approved by: