

## Course Information Sheet

<b>University:</b> <i>University of Prešov in Prešov</i>	
<b>Faculty:</b> <i>Faculty of Humanities and Natural Sciences</i>	
<b>Code:</b> <i>2EKO/ZOOGÉ/22</i>	<b>Title of Course:</b> <i>Zoogeography</i>
<b>Form of Study:</b> lectures, seminars <b>Number of contact teaching hours:</b> per week: 2 lectures, 1 seminar class per level/semester: 20 lectures, 10 seminar classes, 90 self-studies <b>Method:</b> physical presence/traditional classrooms	
<b>Number of credits:</b> 4	
<b>Semester:</b> 5th semester/3rd year of study	
<b>Degree/Level:</b> bachelor	
<b>Prerequisites:</b>	
<b>Grading Policy (Assessment/Evaluation):</b> Compulsory participation in lectures and seminars. Unjustified non-participation in teaching is assessed as failure to meet the conditions for successful completion of the course. During the semester, the student prepares and presents a seminar work on a selected topic. The evaluation of the student's study results within the study subject will be performed by the final exam. The success criteria (percentage expression of results in the evaluation of the exam from the subject) are for the classification levels as follows: a) A - 100.00 - 90.00% b) B - 89.99 - 80.00% c) C - 79.99 - 70.00% d) D - 69.99 - 60.00% e) E - 59.99 - 50.00% f) FX - 49.99 and less%	
<b>Aims and Objectives:</b> After completing the course, the student knows to: - define and interpret basic zoogeographical concepts and terminology, - characterize, classify, and define zoogeographical patterns and their examples, - describe and divide the Earth's biosphere based on zoogeographical regions, Earth biomes and vertical levels, - describe migratory routes and explain the reasons for the migratory movements of animals, - synthesize the acquired knowledge and apply it in a global view of the spatial structure of animal distribution, - present the acquired knowledge at the level required by the final test.	
<b>Syllabus/Indicative Content:</b> 1. Object and subject of zoogeography and historical course of zoogeography as a science 2. Zoogenesis, development of the Earth's landscape as an environment for the life of organisms 3. Biosphere as a part of the Earth's landscape 4. Ecological factors affecting distribution of organisms 5. Migration and spreading animals 6. Spatial differentiation of the environment 7. Horizontal differentiation of the terrestrial environment (Holarctic region, Palearctic	

region, Neotropical region, Cape region, Australia region, Antarctic region),  
 8. Biomes of the terrestrial biocycle  
 9. Differentiation of aquatic biocycle  
 10. Ecoregions of the world  
 11. Dynamic zoogeography  
 12. Zoogeographical division of Slovakia  
 13. Zoogeography of specific environments (caves and karst areas, thermal springs, endemic island areas, etc.).

**Suggested readings:**

Barabas D., Labunová A. 2009. Vybrané kapitoly z biogeografie pre geografov. Univerzita P.J. Šafárika v Košiciach, Prírodovedecká fakulta.  
 Brown, J.H., Lomolino M.V. 1998. Biogeography. Sunderland, Massachusetts.  
 Buchar J. 1983. Zoogeografie. SPN, Praha.  
 Hajer J. 2013. Zoogeografie. Univerzita J.E.Purkyně v Ústí nad Labem, Prírodovedecká fakulta.  
 Kováč Ľ. 2017. Zoogeografia. Univerzita P.J. Šafárika v Košiciach, Prírodovedecká fakulta.  
 Petron A.T. et al. 2011. Ecological niches and geographic distributions. Princeton University Press, NJ.

**Language of instruction:** Slovak, English

**Other course information:**

**Grading history**

A	B	C	D	E	FX
24%	35%	29%	0%	12%	0%

**Lecturer/Instructor:**

RNDr. Michal Rendoš, PhD., lecturer, examining teacher, seminar classes

**Last update:** 13 January 2022

**Approved by:**