Course Information Sheet

University: *University of Prešov in Prešov*	
Faculty: *Faculty of Humanities and Natural Sciences*	
Code: *2EKO/VSEZO/22*	**Title of Course:** *Animal morphology*
Form of Study: lectures, seminars **Number of contact teaching hours:** per week: 2 lectures, 1 laboratory class per level/semester: 20 lectures, 10 laboratory classes, 120 self-studies **Method**: physical presence/traditional classrooms	
Number of credits: 5	
Semester: 3rd semester/2nd year of study	
Degree/Level: bachelor	
Prerequisities:	
Grading Policy (Assessment/Evaluation): Compulsory participation in lectures and laboratory classes. The student can have a maximum of 2 absences justified based on a medical certificate. In case of justified non-participation, the student attends a substitute laboratory class and theoretical consultation. In case of unjustified non-participation or many absences, the student will not be granted credits. The evaluation of the student's study results will be carried out as follows: 1.) continuous control of study results during the semester (laboratory protocols, 2 continuous written checks) with a minimum success rate of 50%, 2.) written examination during the examination period. The success criteria (percentage expression of results in the evaluation of the exam from the subject) are for the classification levels as follows: A - 100.00 - 90.00% B - 89.99 - 80.00% C - 79.99 - 70.00% D - 69.99 - 60.00% E - 59.99 - 50.00% FX - 49.99 and less%	
Aims and Objectives: After completing the course, the student acquires knowledge of the principles of animal body structure, from the simplest invertebrates to vertebrates. The student can describe the basic animal body plans corresponding to the systematic position of animals, functional adaptations to the environment and way of life. At the same time, he/she is able to utilize basic zoological terminology in a wide range of zoological scientific disciplines.	
Syllabus/Indicative Content: 1. Basic concepts, body parts of animals and their symmetry 2. Embryonic origin of organ systems and body cavities 3. Integumentary system 4. Skeleton 5. Muscular system 6. Digestive system 7. Respiratory system 8. Circulatory system	

9. Excretory system
10. Reproductive system, ontogenesis, larval morphology
11. Nervous system
12. Sensory system
13. Endocrine system

Suggested readings:

Holecová M. et al. 2016. Anatómia a morfológia živočíchov. Univerzita Komenského, Bratislava.
Mock A. 2019. Úvod do porovnávacej morfológie živočíchov. Univerzita P.J. Šafárika, Košice. https://unibook.upjs.sk/sk/prirodovedecka-fakulta/1278-uvod-do-porovnavacej-morfologie-zivocichov
Roček Z. 1998. Obecná morfologie živočíchů, Univerzita Karlova, Praha. http//rocek.gli.cas.cz/Courses/courses.htm
Ruppert E.E. 2004. Invertebrate zoology: a functional evolutionary approach, Brooks/Cole Thompson Learning, Belmont, California.
Gaisler J., Zima J. 2018. Zoologie obratlovců, Academia, Praha.

Language of instruction: Slovak, English

Other course information:

Grading history

A	B	C	D	E	FX
0%	10%	30%	20%	10%	30%

Lecturer/Instructor:
RNDr. Michal Rendoš, PhD., lecturer, examining teacher, seminar classes

Last update: 13 January 2022

Approved by: