

Course Information Sheet

University: University of Presov					
Faculty: Faculty of Humanities and Natural Sciences					
Code: 2EKO/EKOPA/22			Title of Course: Ecology and biodiversity of parasites		
Form of Study: lectures, exercises Number of contact hours: lectures 2, exercises 1 per week: 3 per level/semester: lectures 20, seminars 10, seminar work 50, project work 20, self-study 50					
Number of credits: 4					
Semester: 2. semester					
Degree/Level: 2					
Prerequisites:					
Grading Policy (Assessment/Evaluation): Attendance at seminars is mandatory. A student can have a maximum of 2 absences 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. The evaluation of the student's study results within the study subject will take place: Active participation in seminars, presentation of seminar work and project.					
Aims and Objectives: By completing the course, the student is able to explain and define the basic concepts related to the ecology and biodiversity of selected groups of parasites. He is aware of their epidemiology and basic prophylaxis. He is able to discuss their importance in ecosystems. He has knowledge of selected representatives of animal, plant and fungal parasites					
Syllabus/Indicative Content: 1st - 2nd parasite, host, parasitology, introduction to the issue, definition of basic terms 3.parasitic protozoa 4. helminths, Plathelminthes, Neodermata, Trematoda 5. helminty, Plathelminthes, Cestoda, Monogenea 6. helminty, Acantocephales 7.-8. helminty, Nematelminthes 9. parasitic arthropods, Aphaniptera, Strepsiptera, Phthiraptera 10. - 11. parasitic arthropods, Diptera 12. parasitic plants 13. parasitic fungi					
Suggested readings: BEGON M., HARPER J.L., TOWNSEND C.R. (1997): Ekologie: jedinci, populace, společenstva. Univerzita Palackého, Olomouc BUSH A. O., FERNÁNDEZ J. C., ESCH G. W., SEED J. R. (2001): Parasitism: The diversity and ecology of animal parasites. Cambridge University Press, Cambridge. HUDSON P. J., RIZZOLI A., GRENFELL B. T., HEESTERBEEK H., DOBSON P. A (Eds.) (2006): The ecology of Wildlife Diseases. Oxford University Press, Oxford. VOLF P., HORÁK P. (2007): Paraziti a jejich biologie. Vyd. Triton.					
Language of Instruction: Slovak language					
Other course information:					
Grading history					
A	B	C	D	E	FX
a	b	c	d	e	f
Lecturer/Instructor: Ing. Jozef Oboňa, PhD.					
Last update: 9. mája 2022					
Approved by:					

