

Course Information Sheet

University: University of Prešov	
Faculty: Faculty of humanities and natural sciences	
Code: 2EKO/BINBIM/22	Title of Course: Bioindication and Biomonitoring
Form of Study: lecture, practical seminar Number of contact hours: per week: 2 hours of lecture/2 hours of practical seminar per level/semester: lectures 20 hours, practical seminars, 20 hours, self-study of literature 60 hours, independent field work monitoring of bioindicators in their natural environment 50 hours	
Number of credits: 5	
Semester: 1st year of study -winter or summer semester /2nd year of study - winter or summer semester, 3rd year of study – winter semester	
Degree/Level: 3	
Prerequisites: -	
Grading Policy (Assessment/Evaluation): Continuous evaluation of activity at seminars (40%). The evaluation will be given on the basis of an oral examination conducted in the form of a discussion (60%). The criteria for successful completion of the course (percentage expression of results in the evaluation of the exam from the subject) are for the following grades: 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%	
Aims and Objectives: By completing the course, the student will demonstrate the ability to: <ul style="list-style-type: none"> • knows the basic principles of biomonitoring • can name and characterize individual types of bioindicators • knows specific examples of bioindicators of plant and animal character 	
Syllabus/Indicative Content: Bioindication, biomonitoring - basic terms and definitions, Division of bioindicators, Microbial bioindicators, Lower plants as bioindicators, Moss and lichens as bioindicators, Fungi as bioindicators, Higher plants as bioindicators, Invertebrates and their use as environmental quality indicators, Vertebrates as a bioindicator	
Suggested readings: Markert B. A., Breure, A.M., Zechmeister, H.G. (2003) Bioindicators and Biomonitoring. Elsevier. 997 p. Conti, M.E. (2003). Biological Monitoring. WIT press. 256 p.	
Language of Instruction: english	
Other course information:	
Grading history	
Lecturer/Instructor: RNDr. Lenka Demková, PhD.	
Last update: 12.01.2022	
Approved by: prof. PaedDr. Ján Kočšo, PhD.	