



University of Presov in Presov
Faculty of Humanities and Natural Sciences,
Department of Ecology

COURSE DESCRIPTION

Code: 2EKO/JBOTA1/15		Title: Botany 1	
Field of study: 4.1.4 General ecology and ecology of individuals and populations			
Study programme: Ecology			
Guarantee: prof. Dr. Ivan Salamon		Lecturers: prof. Dr. Ivan Salamon	
Semester: Winter	Forms of teaching: Lectures, exercises		Number of credits: 6
	Recommended number of hours: Per week: 2/4 Total per study: 26/52		
Prerequisites: Cytology, General Botany, Microscopy technics			
Assessment: Basic – obligatory			
Course assessment: Active participation in lectures and laboratory exercises			
Final assessment: Credit evaluated based on protocols from lab practices and final oral exam			
Learning outcomes: Students will request for: - knowledge about the plant organism taxonomy, differences among taxonomy categories, - understand of their utilisation, importance, phytopatology - independently practice and work with microscopy techniques, their using for the determination of single species of organisms.			



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Course content:

Introduction to botany taxonomy
Taxonomy units and their importance
Cyanophyta
Prochlorophyta
Rhodophyta
Dinophyta
Cryptophyta
Chrysophyta
Haptophyta
Bacillariophyta
Phaeophyta
Euglenophyta
Eustigmatophyta
Chloromonadophyta
Chlorarachniophyta
Chlorophyta
Myxomycota
Plasmodiophoromycota
Labyrinthulomycota
Oomycota
Zygomycota
Ascomycota
Deuteromycota
Basidiomycota
Lichenes
Phylogenesis of cyanophytes, algae, fungi and lichenes

Literature:

BAČKOR, M.: Základy systému nižších rastlín I.. UPJŠ Košice, 2002, 140 s.
KALINA, T.: Systém a vývoj siníc a řas. Praha : Nakladatelství Karolinum, 2001, 165 s.
KALINA, T. – VÁŇA, J.: Sinice, řasy, houby mechorošty a podobné organismy v současné biologii. 1. vyd. Universita Karlova v Praze: Nakladatelství Karolinum, 2005, 606 s., ISBN 80-2461036-1
KEIZER, G.J.: Encyklopedie hub. 2. vyd., Česlice: Rebo Productions, 1999, 288 s., ISBN 80-7234- 117-0

Language the course is taught in:

English

Signature of guarantee and date of last edition:

September 21, 2020