

Study Programme : MSc in Biology			
Degree level: Master degree			
Course Title: Serbian Flora and Vegetation			
Professor: Goran Anačkov			
Required/Elective Course: Elective course			
Number of ECTS: 8			
Prerequisites: passed exams “Plant Ecology”, “Biogeography”			
Course Objective: Introduction to floristical and vegetation diversity in Serbia, and basic rules in the layout and vegetations belts in Serbia. Acquiring knowledge of the floristic-vegetation chorions, the endemic and relict plant species and families characteristic for the flora of Serbia.			
Course Outcome: Acquiring knowledge about the floristic and vegetation diversity of Serbia. Raising awareness about the important place that Serbia have in the world in terms of floristic and vegetation diversity.			
Course Content:			
<i>Theoretical part</i>			
Historical development of botanical research in Serbia. Geographical characteristics of Serbia. Genesis of plant cover in the area of Serbia. Real flora and vegetation of Serbia. The main characteristics of flora and vegetations. Phytogeographical and ecological characteristics. Vegetation zones and belts in Serbia. Horizontal and vertical stratification of vegetation of Serbia. Zonal and azonal vegetation in Serbia. Endemic and relict characteristics of flora and vegetation of Serbia.			
<i>Practical part</i>			
Research methodology in floristic and phytocenological investigations. Applicative models based on examples of serbian flora and vegetation.			
Reading List:			
1. Janković, M, Pantić, N., Mišić, V., Diklić, N., Gajić, M. (1984): Opšti deo u Sarić, M., uredn., Vegetacija SR Srbije I. SANU, Beograd.			
2. Janković, M. (1985): Fitogeografija. PMF Univerziteta u Beogradu, Jugoslovenski zavod . Beograd.			
3. Stevanović, V. (1992): Floristička podela teritorije Srbije sa pregledom viših horiona i odgovarajućih flornih elemenata u Sarić, M., uredn., Flora Srbije I: 49-65. SANU, Beograd.			
4. Stevanović, V., Stevanović, B. (1995): Osnovni klimatski, geološki i pedološki činiooci biodiverziteta kopnenih ekosistema Jugoslavije u Stevanović, V., Vasić, V., uredn., Biodiverzitet Jugoslavije sa pregledeom vrsta od međunarodnog značaja, p. 75-115. Ekolibri, Biološki fakultet, Beograd,			
5. Stevanović, V. (1995): Biogeografska podela teritorije Jugoslavije u Stevanović, V., Vasić, V., uredn., Biodiverzitet Jugoslavije sa pregledeom vrsta od međunarodnog značaja, p. 117-127. Ekolibri, Biološki fakultet, Beograd.			
6. Stevanović, V., Jovanović, S., Lakušić, D., Niketić, M. (1995): Diverzitet vaskularne flore Jugoslavije sa pregledom vrsta od međunarodnog značaja u Stevanović, V., Vasić, V., uredn., Biodiverzitet Jugoslavije sa pregledeom vrsta od međunarodnog značaja, p. 183-217. Ekolibri, Biološki fakultet, Beograd.			
7. Stevanović, V., Jovanović, S., Lakušić, D. (1995): Diverzitet vegetacije Jugoslavije u Stevanović, V., Vasić, V., uredn., Biodiverzitet Jugoslavije sa pregledeom vrsta od međunarodnog značaja, p. 219-241. Ekolibri, Beograd.			
8. Stevanović, V., Jovanović, S., Lakušić, D., Niketić, M. (1999): Karakteristike i osobenosti flore Srbije i njen fitogeografski položaj na Balkanskom poluostrvu i u Evropi u Stevanović, V. uredn., Crvena knjiga flore Srbije 1 – Iščežli i krajnje ugroženitaksoni, p. 9-18. Ministarstvo za zaštitu životne sredine Republike Srbije, Biološki fakultet Univerziteta u Beogradu, Zavod za zaštitu prirode Republike Srbije, Beograd.			
9. Thompson, J.D. (2005): Plant Evolution in the Mediterranean. Oxford University Press, Oxford.			
10. Turrill, W.B., (1929): The Plant-Life of the Balkan Peninsula. Oxford at the Clarendon Press, Oxford.			
Total hours:			9
Lectures: 2	Practicals: 2	Other:	Student research work: 5
Methods of instruction:			
Assessment (maximum number of points 100)			
Requirements	points	Final exam	points
Active participation in lectures		Practical exam	50
Active participation in practicals		Oral exam	20
Test(s) or	30		
Pre-exam testing			
Seminar paper			
Remark: required seminar papare: floristic and phytocenological analysis and data processing for a certain area			

