

Study Programme: BSc in Biology/ Ecology				
Degree level: Bachelor degree				
Course Title: Medicinal plants				
Professor: Ružica Igić, PhD				
Elective Course				
Number of ECTS: 6				
Prerequisites: -				
Course Objective: Introduction to the importance and significance of the medicinal plants, their utilization, different ways of collection and cultivation, their affect and their biologically active substances, factors of endangerment and legislative measures of wild medicinal plants protection in Serbia.				
Course Outcome: Individual planning and realization of research, processing of gained results, their discussion and presentation.				
Course Content: <i>Theoretical part</i> Harvesting, cultivation, packing and keeping of drugs. Contemporary phytotherapy. Division according to dominant active substances. Eather oils secretion structures. Plants with eather oils. Alkaloid plants. Glycoside plants. Saponoside plants. Tannin plants. Plants with resins and balms. Factors of endangerment and legislative measures of protection. <i>Practical part</i> Introduction to the basic characteristics of specific groups on the species example. Preparation and identification of drugs.				
Reading List: <ol style="list-style-type: none"> 1. Igić, R., Vukov, D., Božin, B., Orlović, S. (2010): Lekovite biljke. Vrelo, Novi Sad. 2. Jančić, R. (2005): Botanika farmaceutika. Službeni list SCG, Beograd. 3. Sarić, M. izd. (1989): Lekovite biljke SR Srbije. SANU, Beograd. 4. Stevanović, D. ur. (1998): Biološki aktivne materije viših biljaka, gljiva, algi i bakterija. Univerzitet u Novom Sadu, PMF, Institut za biologiju. Novi Sad. 5. Tucakov, J. (1973): Lečenje biljem. Rad, Beograd. 				
Total hours:				
Lectures: 2	Practicals: 2	Other:	Student research work:	
Methods of instruction:				
Assessment (maximum number of points 100)				
Requirements	points	Final exam	points	
Active participation in lectures	10	Practical exam	30	
Active participation in practicals	20	Oral exam	40	
Test(s) or				
Pre-exam testing				