

Study Program: Biology				
Type and level of studies: Bachelor studies				
Course name: Plants with medical properties				
Lecturer: Trajković Lj. Radmila				
Status: Elective				
ECTS: 6				
Attendance Prerequisites:				
Course aims Introduction to the significance of plants with medical properties, their application, methods of collection and cultivation. Indicating the curative effect of the biologically active substances they possess as well as the factors of endangerment and legal measures for the protection of wild plants with medical properties in Serbia.				
Course outcome The students are able to independently plan and conduct a research of plants with medical properties, as well as to process obtained results, interpret and present them.				
Course content <i>Theoretical part:</i> Methods of harvesting, growing, packing and storing drugs. Modern phytotherapy. Classification according to dominant active substances. Structures for essential oils secretion. Plants with essential oils. Alkaloid plants. Glycosidic plants. Saponoside plants. Tannin plants. Plants with resins and balms. Factors of endangerment of wild plants with medical properties and legal protective measures. <i>Practical Part:</i> Introduction to the basic characteristics of certain groups based on specimen examples. Identification and preparation of herbal drugs.				
Literature 1. Јанчић, Р. (2005): Ботаника фармацеутика, Службени лист СЦГ, Београд; 2. Сарић, М. изд. (1989): Лековите биљке СР Србије, САНУ, Београд; 3. Стевановић, Д. ур. (1998): Биолошки активне материје виших биљака, гљива, алги и бактерија, Универзитет у Новом Саду, ПМФ, Институт за биологију, Нови Сад; 4. Туцаков, Ј. (1973): Лечење биљем, Рад, Београд.				
Number of active classes				Other classes
Lectures: 2	Practical classes:	Other forms of teaching: 2	Students' research work	
Teaching methods Theoretical classes, practical classes, term tests.				
Assessment (maximum 100 points)				
Course assignments	points	Final exam		points
activity during lectures	10	written exam/identification		30
practical classes	20	oral exam		40
Term test/s				
Seminar/s				
Total	30			70