

<b>Study Programme: MSc of Biology</b>		
<b>Course Unit Title: Economic Importance of Natural Resources of the Flora of Serbia</b>		
<b>Course Unit Code: MBE02</b>		
<b>Name of Lecturer(s): Ružica Igić</b>		
<b>Type and Level of Studies: Bachelor of Science Degree</b>		
<b>Course Status (compulsory/elective): Elective</b>		
<b>Semester (winter/summer): Summer</b>		
<b>Language of instruction: Serbian and English</b>		
<b>Mode of course unit delivery (face-to-face/distance learning): face-to-face</b>		
<b>Number of ECTS Allocated: 6</b>		
<b>Prerequisites: none</b>		
<b>Course Aims:</b> Introduction to economically important wild and cultivated plants, with the emphasis on the sustainable use of natural resources.		
<b>Learning Outcomes:</b> Students are trained to plan and conduct research of economic plants, and to process and adequately apply gained results. Fundamental knowledge of the potential and sustainable use of natural resources and wider knowledge of the importance of flora and its use in nutrition, medicine and industry.		
<b>Syllabus:</b> <i>Theory</i> Economical importance of plants; Edible native and cultivated plant families and species; Plants used as additives in the food industry; Fodder plants, and food for livestock, plants that as a food for invertebrate species; Melliferous plants; Spices; Plants as a raw materials in production; Plants used as fuel; Sociologically significant plants; Plants toxic to mammals; Plants as organic pesticides; Medicinal plants; Ornamental and decorative plants; Relatives of cultivated plants and their role in breeding; Economic significance of weed and invasive plants; Plants as hosts for other harmful organisms; Economic importance of forest species; Species whose trade is forbidden; Protection of natural resources of Serbia <i>Practice</i> Introduction to basic traits of economically important plant species organized through workshops and practical work. These activities will be organized individually – writing of research paper (seminar). Group work will take place through discussions, case studies and workshops.		
<b>Required Reading:</b> 1. Cook, F. (1995): Economic Botany Data Collection Standard, Kew: Royal Botanic Gardens, 146pp. 2. Convention on International Trade in Endangered Species of Wild Fauna and Flora 3. Wiersema, J. , León, B.: World Economic Plants: A Standard Reference, Second Edition, CRC Press (eBook) 4. Јанчић, Р. (2008): Економска ботаника.Завод за уџбенике, Београд. 5. Grlić, Lj. (2005): Samoniklo jestivo bilje. Eks Libris. Rijeka. 6. Lazarević P., Stojanović V., Jelić I., Perić R., Krsteski B., Ajtić R., Sekulić N., Branković S., Sekulić G., Bjedov V. (2012): Preliminarni spisak invazivnih vrsta u Republici Srbiji sa opštim merama kontrole i suzbijanja kao potpora budućim zakonskim aktima. Zaštita prirode. Vol. 62, br. 1, str. 5-31. 7. <a href="http://ggcommunity.cloudapp.net/gringlobal/">http://ggcommunity.cloudapp.net/gringlobal/</a>		
<b>Weekly Contact Hours:</b>	<b>Lectures: 2</b>	<b>Practical work: 2</b>

**Teaching Methods:**

Lectures and student's individual practical work.

**Knowledge Assessment (maximum of 100 points):**

<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Active class participation	5	written exam	
Practical work	10	oral exam	60
Preliminary exam(s)		.....	
Seminar(s)	25		

The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.