

Study Programme : MSc in Biology			
Degree level: Master degree			
Course Title: Economical Botany			
Professor: Ružica Igić, PhD			
Elective Course			
Number of ECTS: 6			
Prerequisites: -			
Course Objective: Introduction to the economic significance of wild and cultivated plants. Indication of the importance of sustainable use of natural resources and of the human dependence on the plant resources.			
Course Outcome: Individual planning and realisation of the research in economically important plants, identification, processing of the gained results and their correct apply.			
Course Content: <i>Theoretical part</i> Economical importance of plants, Edible wild plants, Honey plants, Spices, Medical plants, Cereals and Legumes in nutrition, Fruits and vegetables in nutrition, Plants utilization in textile industry, Plants in perfume industry and aromatic plants, Ornamental wild plants, Utilization of woody plants, Industrial plants and oil plants, Plants as resources of bio diesel production, Alliaceae in nutrition, Apiaceae in nutrition, Asteraceae in nutrition, Chenopodiaceae in nutrition, Fabaceae in nutrition, Polygonaceae in nutrition, Cucurbitaceae in nutrition, Rosaceae in nutrition, Solanaceae in nutrition, Brassicaceae in nutrition, Poaceae in nutrition. <i>Practical part</i> Introduction to the basic characteristics of some plant groups on the example of species.			
Reading List: 1. Jančić, R. (2008): Ekonomska botanika. Zavod za udžbenike, Beograd. 2. Igić, R., Vukov, D., Božin, B., Orlović, S. (2010): Lekovite biljke. Vrelo, Novi Sad. 3. Jančić, R., Anđelković, R. (2004): Domaće začinske biljke. Službeni list SCG, Beograd. 4. Vukićević, E. (1974): Dekorativna dendrologija. ICS, Beograd.			
Total hours:			
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	5	Practical exam	30
Active participation in practicals	10	Oral exam	40
Test(s) or			
Pre-exam testing	15		
Remark:			