

Studying course: <i>Forestry and Natural Resources Management</i>			
Subject: Dendrology			
Professor/professors: Dr Marko Perović			
Status of the subject: electoral			
ECTS number: 5			
Condition: -			
Goal of the subject: The goal of subject is that student learn characteristics of important woody plant species, considering their ecological and phenological characteristics, practical use and to be capable of recognize these species by their vegetative and generative parts.			
Result of the subject: The knowledge obtained in this course is a foundation for various forestry and environmental disciplines and has multiple implications in practice.			
Content of the subject <u>Theoretical part:</u> Important woody plant species are discussed on lectures, including their distribution, description of vegetative and generative parts (growth pattern and dimensions, bark, twigs, leaves, flowers and fruits), their ecological requirements and phenology and their current and potential practical use. <u>Practical part:</u> Students learn how to recognize and differentiate species on the basis of morphological analysis of their twigs, leaves, needles, fruits and cones. Apart from laboratory study, practical teaching in Arboretum of Forestry faculty is included.			
References: 1. Hardin, J., Leopold, D., White, F. (2000): Textbook of Dendrology. McGraw Hill International Editions 2. Eckenwalder, J. (2009): Conifers of the World. Timber Press. Portland-London 3. Bishop, P. (2006): 100 woods: A guide to popular Timber of the World. Crowood Press 4. Johnson, O. (2004): Tree guide. Collings books. London 5. Krussmann, G. (1986): Manual of Cultivated Broad/leaved trees and shrubs, Vol. 1-3. Timber press			
Number of active teaching lessons: 2+2	Theoretical part of teaching: 2		Practical part of teaching: 2
Methods of giving lectures: Theoretical part of teaching includes modern references using video-presentations with numerous practical examples. Practical part of teaching is organised in a laboratory, as well as outside at the Arboretum of the Forestry Faculty.			
Knowledge evaluation (max 100 points)			
Before exam obligations:	50 points	Final exam:	50 points
Activity during lectures	5		
Activity during practicals	5	Oral exam	50
Seminary	10		
Writing test	30		