

Study Programme: Crop science			
Course Unit Title: Botany			
Course Unit Code: 19OPII0002O006			
Name of Lecturer(s): prof. dr Branka Ljevnaić-Mašić, prof. dr Ljiljana Nikolić			
Type and Level of Studies: Undergraduate studies			
Course Status (compulsory/elective): compulsory			
Semester (winter/summer): winter			
Language of instruction: English			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 6			
Prerequisites: none			
Course Aims: Acquiring the necessary knowledge concerning the structure of plants, their function, the systematic of plants with emphasis on taxa relevant for students of Agronomy, as well as the relationships of plants to environmental conditions, which is a prerequisite for the proper and successful cultivation of plants.			
Learning Outcomes: The knowledge obtained within the course of Botany is the basis for the study of other fundamental and applied scientific disciplines, as well as the basis for a proper understanding of plants and their use for human needs.			
Syllabus: <i>Theory</i> Introduction to Plants and Botany. Cytology. Histology. Morphology and anatomy of plant organs. Reproduction of plants. Taxonomy of vascular plants. Phytoecology. <i>Practice</i> The microscope and microscopic techniques. Plant cells. Plant tissues. Anatomical structure of vegetative organs. Systematic of vascular plants.			
Required Reading: Bidlack, E.J., Janski, H.S. (2011): Stern's Introductory Plant Biology, 12 th Ed., McGraw-Hill, New York, USA. Mauseth, J.D. (2003): Botany - an introduction to plant biology. University of Texas, Austin, USA.			
Weekly Contact Hours:	Lectures: 2	Practical work: 2	
Teaching Methods: Lectures - verbal-textual and illustrative demonstrative methods; Consultations and Seminars Practical classes - management of students' individual work and demonstrative-illustrative methods			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation	5	written exam	50
Practical work	20	oral exam	-
Preliminary exam(s)	20	
Seminar(s)	5		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			