

Study Programme: PHYTOMEDICINE, CROP SCIENCE, FRUIT SCIENCE, VITICULTURE AND HORTICULTURE, LANDSCAPE ARCHITECTURE			
Course Unit Title: BOTANY			
Course Unit Code: 19FTM004			
Name of Lecturer(s): Prof. Ljiljana Nikolić, PhD; Prof. Dejana Džigurski, PhD; Prof. Branka Ljevnaić-Mašić, PhD			
Type and Level of Studies: Undergraduate academic studies			
Course Status (compulsory/elective): compulsory			
Semester (winter/summer): summer			
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. Plant ecology. <i>Practice</i> The microscope and microscopic techniques. Plant cells. Plant tissues. Anatomical structure of vegetative organs. Systematic of vascular plants.			
Required Reading: 1. Којић, М., Пекић, С., Дајић, З. (2003): Ботаника. Романов, Бања Лука. 2. Николић, Љ., Џигурски, Д., Љевнаић-Машић, Б. (2019): Практикум из ботанике. Универзитет у Новом Саду, Пољопривредни факултет.			
Weekly Contact Hours:	Lectures: 4	Practical work: 3	
Teaching Methods: Lectures, Practice, Consultations.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation	5	written exam	-
Practical work	15	oral exam	50
Test	20	
Colloquium	10		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			