

Study Programme: Fruit science, viticulture and horticulture, module Ornamental horticulture		
Course Unit Title: Establishing and maintaining of urban green areas		
Course Unit Code: 19.PEJ034		
Name of Lecturer(s): Ksenija Hiel, Saša Orlović, Lazar Pavlović		
Type and Level of Studies: Undergraduate academic studies		
Course Status (compulsory/elective): compulsory		
Semester (winter/summer): summer		
Language of instruction: english/ serbian		
Mode of course unit delivery (face-to-face/distance learning): face-to-face		
Number of ECTS Allocated: 3		
Prerequisites: Dendrology 1 and 2		
Course Aims: The aim of the course is to educate students in the field of construction and maintenance of green areas with the use of available literature, computer techniques and practical training in the field.		
Learning Outcomes: The outcome of the course is the training of students to perform works on the construction and maintenance of green areas in the field of landscape architecture.		
Syllabus: Theoretical teaching Historical foundations and development of horticultural construction practice. Ornamental plants - the main element of green areas. Auxiliary (secondary) elements of green areas. Functions of green areas. Plants of green areas and their environment. Period of functionality of ornamental plants. Categories of green areas. System of green areas. Preparatory works on the construction of green areas. Land improvement and its preparation for planting plants. Planting and sowing - trees, bushes and shrubs, establishing lawns. Auxiliary (secondary) elements of the green area. Construction of building elements on a green area. Tools and accessories for raising and caring for green areas. Caring for plants. Bioecological basis of the project of green areas. Field tour. Practical teaching: Exercises, Other forms of teaching, Study research work Drafting of the project proposal with the necessary accompanying documentation. Visiting green areas during the season to perform and supervise work on them. Practical work on the maintenance of green areas.		
Required Reading: 1. Анастасијевић Небојша (2007): Подизање и неговање зелених површина, Универзитет у Београду, Шумарски факултет 2. Вујковић Љ., Нећак М., Вујичић Д. (2003). Техника пејзажног пројектовања, Шумарски факултет Универзитета у Београду, Београд 3. Nicola Dempsey, Julian Dobson, (2020) Naturally Challenged: Contested Perceptions and Practices in Urban Green Spaces		
Weekly Contact Hours: 6	Lectures: 3	Practical work: 3
Teaching is carried out using modern scientific teaching tools (computer software, AutoCaD, ArchiCAD, 3D visualization		

of the project), field teaching and performing works on the construction and maintenance of green areas.

Knowledge Assessment (maximum of 100 points):

Pre-exam obligations	points	Final exam	points
Active class participation	10	written exam	-
Practical work	40	oral exam	50

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