Study Programme: Agronomy

Course Unit Title: Systems of greenery

Course Unit Code: 19.AGR152

Name of Lecturer(s): Prof. Saša Orlović, PhD Type and Level of Studies: PHD STUDIES Course Status (compulsory/elective): elective

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: 7

Prerequisites:

Course Aims: The aim of the course is to acquiring the necessary scientific research theoretical and practical knowledge from planning, designing and transferring projects to the field, connecting green areas into a single system in urban and city fringe zones.

Learning Outcomes: The knowledge gained within the subject should provide a scientific basis for planning, designing and maintaining green areas for the purpose of fulfilling all their functions (sanitary-hygienic, architectural-urbanistic, decorative-aesthetic, cultural-educational and others).

Syllabus:

Theoretical teaching

Concept and development of greenery system. Types of greenery systems. Elements of the green system and their classification (green areas of public use, green areas of limited use and green areas of special purpose). Standardization of green areas. Factors that determine the creation and development of the system of green areas (natural factors, anthropogenic and social economic factors). Greenery system in the function of city organization. Typology of landscape architecture objects. Using natural elements in landscape composition. Categories of green areas. System of green areas. Caring for plants. Bioecological basis of the project of green areas. Practical teaching

Preparation of studies for raising some of the categories of green areas with detailed insight into the existing condition.

Required Reading:

Анастасијевић Небојша (2002): Подизање и неговање зелених површина. Шумарски факултет, Универзитет у Београду

Вујковић Љиљана (2003): Пејзажна архитектура - планирање и пројектовање. Шумарски факултет, Универзитет у Београду

Green places (Incorporating Landscape Design): www.landscape.co.uk

Weekly Contact Hours: Lectures:4 Practical work:6

Teaching Methods: Teaching is carried out by means of modern scientific-educational resources in the form of practice.

Knowledge Assessment (maximum of 100 points):

| Pre-exam obligations | points | Final exam | points |
|----------------------------|--------|--------------|--------|
| Active class participation | 20 | written exam | |
| Practical work | / | oral exam | 50 |
| Preliminary exam(s) | / | | |
| Seminar(s) | 30 | | |

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