

### Specification of subjects in doctoral studies

<b>Subject code:</b> ДМ3.0121А
<b>Study program:</b> Landscape architecture and horticulture
<b>Type and level of studies:</b> Doctoral studies
<b>Subject name:</b> Landscape vegetation
<b>Teacher (s):</b> Dragica D. Obratov-Petković, DSc; Mirjana R. Ocokoljić, DSc
<b>Associates:</b>
<b>Subject type:</b> elective
<b>ECTS:</b> 8
<b>Condition:</b> Completed relevant master studies.
<b>Subject aim:</b> Ability for an independent reconnaissance of the terrain, analysis of the floristic structure, plant genetic characteristics and life forms, synecological and autecological relations. Introduction to the physiognomy of plant communities in different habitats in Serbia, the spatial and dynamic relationship between vegetation and landscape. Examining the problems of invasive plant species, their identification, methods of monitoring and control.
<b>Subject outcomes:</b> Application of acquired knowledge and skills in independent analysis and definition of vegetative diversity, degradations and progradations of plant communities in landscape and successive phases in the development of plant communities. Understanding the functional relationships of plant communities and landscapes. Application of acquired knowledge about plant communities in order to restore landscapes and the environment. Introduction to the problems of invasive plant species, and the ways and consequences of their spread to biodiversity and native communities.