

### Specification of subjects in doctoral studies

<b>Subject code:</b> ДМ3.0112Г
<b>Study program:</b> Landscape architecture and horticulture
<b>Type and level of studies:</b> Doctoral studies
<b>Subject name:</b> Ecology and functionality of urban greenery
<b>Teacher (s):</b> Nenad Đ Stavretović, DSc
<b>Associates:</b>
<b>Subject type:</b> elective
<b>ECTS:</b> 8
<b>Condition:</b> That the student completed a master's degree program Landscape architecture.
<b>Subject aim:</b> Mastering deeper knowledge of environmental factors that directly and indirectly affect the general and specific functionality of green areas of the urban space. The aim of the course is to acquire theoretical and practical ability to discover, define and quantify the causes that lead to the degradation of green urban areas, as well as the professional procedures by which these effects can be neutralized. The skills and competencies acquired by mastering the course are related to the reconnaissance of real and potential functions of urban greenery, their development, expansion and unification, while at the same time using special techniques for their detection and evaluation.
<b>Subject outcomes:</b> Acquired knowledge about the functioning of ecological factors in the urban area, as well as knowledge of the principles and strategy of successful improvement of the functionality of urban green spaces. Acquired skills for the efficient application of the methods of reconnaissance, quantification and control of the measures of professional activity in the area of green surface optimized by the functionality of greenery. Acquired ability to set the causes and consequences of the condition of green spaces to the level of efficient implementation of professional care procedures, according to the principles of modern and efficient landscape architecture.