

### Specification of subjects in doctoral studies

<b>Subject code:</b> ДМ3.0111Б
<b>Study program:</b> Landscape architecture and horticulture
<b>Type and level of studies:</b> Doctoral studies
<b>Subject name:</b> Ecophysiology of ornamental plants
<b>Teacher (s):</b> Matilda Š. Đukić, DSc; Danijela Đunisijević-Bojović, PhD
<b>Associates:</b>
<b>Subject type:</b> elective
<b>ECTS:</b> 8
<b>Condition:</b> General conditions for enrollment in doctoral studies.
<b>Subject aim:</b> Introduction to the relationship between ecological and physiological mechanisms of growth, development, reproduction, geographical distribution, evolution and the relationship of ornamental plants to the physical, chemical and biotic environment.
<b>Subject outcomes:</b> Capability of students for a scientific, multidisciplinary approach to the study of physiological and ecological properties of ornamental species integrating physiology, ecology, genetics, statistics, informatics and other scientific disciplines. Understanding the mechanism of inertia of the plant and the environment in which it grows and develops. Proper performance of scientific experiments, interpretations and presentation of results.