

Specification of subjects in undergraduate studies

Subject code: MPTA1104/1B
Study program: Landscape architecture
Type and level of studies: Master's degree studies
Subject name: Revegetation of landscapes
Teacher (s): Mihailo N. Grbić, DSc; Matilda Đukić, DSc; Danijela Đunisijević-Bojović, PhD; Marija J. Marković, PhD
Associates:
Subject type: elective
ECTS: 6
Condition: Diversity and conservation of habitats
Subject aim: Introduce students to the basic principles and concepts of restoration ecology and their applications in the revegetation of degraded soils, as well as for the promotion and preservation of protected natural areas. Analysis of the state of degraded areas and determination of the objectives and level of restoration and revegetation (complete, partial, rehabilitation, reclamation) Application of knowledge about the structure and functioning of ecosystems in the process of ecological restoration. Use of natural processes that are modified to increase efficiency and accelerate natural successions, in order to restore the disturbed balance of ecosystems Application of practical knowledge in projects of ecological restoration, revegetation and rehabilitation of degraded areas.
Subject outcomes: The ability of the student of landscape architecture to integrate and apply the acquired theoretical and practical knowledge and skills in multidisciplinary projects for the rehabilitation of degraded, and the improvement and preservation of protected areas in the field of revegetation.