

Specification of subjects in master studies

Subject code: M41118A
Study program: Ecological engineering for soil and water resources protection
Type and level of studies: Master's degree studies
Subject name: Support systems to decision -making in soil and water resources management
Teacher (s): Nada M. Dragović, DSc; Tijana Z. Vulević, PhD
Subject type: elective
ECTS: 4
Condition:
Subject aim: Mastering the basic knowledge of methods for successful management in the protection of soil and water resources. The objective of the course is to teach the skills necessary for the implementation of the decision-making process through an analysis of decision-making without and with sampling, as well as the skills necessary for making optimal decisions in the management of natural resources using multi-criteria decision-making methods.
Subject outcomes: Acquired knowledge of the process, phases and models of decision-making in project management for the protection of soil and water resources. Acquired skills for the application of the model of decision analysis, as well as the method of multi-criteria decision-making to obtain the most acceptable solutions in the application of conservation measures for soil and water resources protection.