

Specification of subjects in undergraduate studies

Subject code: EH32420
Study program: Ecological engineering for soil and water resources protection
Type and elevel of studies: undergraduate studies
Subject name: GIS application in soil and water resources protection
Teacher (s): Ratko U. Ristić, DSc; Boris Radić, PhD; Siniša Polovina
Subject type: compulsory
ECTS: 6
Condition: That the student had passed the exams: Torrential flows and erosion, Hydraulics with hydrology, Hydrogeology with geomorphology
Subject aim: Mastering the basics of Geographic Information Systems (GIS) and their application in spatial analysis of degraded areas, in order to restore and protect soil and water resources.
Subject outcomes: Application of GIS tools for the analysis of natural and anthropogenically modified characteristics of space, as a basis for project, planning and research purposes.