

### Specification of subjects in master studies

<b>Subject code:</b> M41101
<b>Study program:</b> Ecological engineering for soil and water resources protection
<b>Type and level of studies:</b> Master's degree studies
<b>Subject name:</b> Protection of water resources from sediment
<b>Teacher (s):</b> Snežana B. Belanović Simić, DSc; Jelena Beloica, PhD
<b>Subject type:</b> compulsory
<b>ECTS:</b> 5
<b>Condition:</b>
<b>Subject aim:</b> Understanding and mastering knowledge on the process of degradation of soil and water as a result of global changes in the environment caused by human activities which are superposed on basic biogeochemical processes, that are potentially irreversible, with comprehensive effects on the current and future social, economic and ecological structures.
<b>Subject outcomes:</b> Students are able to define the causes, factors and connection of soil and water degradation processes with a global character. They are able to explain types and indicators of degradation and soil resistance; to define and describe basic processes and components within certain classification systems, using modern information technologies; to carry out analyses and selection of methods and models for adopting strategies for a sustainable use and protection of soil and water resources.