

**Specification of subjects in undergraduate studies**

<b>Subject code:</b> EI33630
<b>Study program:</b> Ecological engineering for soil and water resources protection
<b>Type and level of studies:</b> undergraduate studies
<b>Subject name:</b> Sediment management
<b>Teacher (s):</b> Vesna D. Đukić, DSc; Ranka Erić
<b>Subject type:</b> elective
<b>ECTS:</b> 5
<b>Condition:</b>
<b>Subject aim:</b> To introduce an integrated approach to the problem of erosion and transport of sediment on the slopes of the basins and in the hydrographic network of torrential flows. Introduction of students to the harmful effect of sediment (flooding of water accumulations, impact on water quality). Possibilities of using the sediment.
<b>Subject outcomes:</b> Acquired knowledge of an integral approach to the problem of erosion and transport of sediment, as well as on the harmful effect of sediment (flooding of water reservoirs, reduction of water quality) and the possibility of its use, which enables optimal sediment management in basins.