

**Specification of subjects in undergraduate studies**

<b>Subject code:</b> EI34733
<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> Design in torrent control
<b>Teacher (s):</b> Vojislav T. Đeković, DSc; Aleksandar Anđelković
<b>Subject type:</b> compulsory
<b>ECTS:</b> 6
<b>Condition:</b>
<b>Subject aim:</b> Introduction of students to torrential floods and systems for the protection against large-water. Possibility to control the movement of the river sediment through the hydrographic network of the basin by designing the control elements in the function of ensuring the general stability of the regulated riverbed. Protection from floods. Design of micro-accumulations in the integral regulation of basins and watercourses.
<b>Subject outcomes:</b> Acquiring knowledge of torrential floods, protection of the riparian areas from floods, securing conditions for economic development in hilly and mountainous areas, and developing project documentation for the regulation of watercourses with a torrential flow regime.