

Specification of subjects in undergraduate studies

Subject code: EI31103
Study program: Ecological engineering for soil and water resources protection
Type and level of studies: undergraduate studies
Subject name: Descriptive geometry
Teacher (s): Gordana D. Đukanović, DSc
Subject type: compulsory
ECTS: 8
Condition: no
Subject aim: The aim of this course is that the student develops the ability to understand and comprehend three-dimensional space using a drawing in the research of geometric shapes, to learn the accuracy of representation and observation, and to create a complete spatial representation of the shapes depicted in the drawing by appropriate geometric analysis. The student would thus be trained within the scope of his profession for studying all design subjects.
Subject outcomes: A trained student sees space and objects in it in three dimensions and presents them graphically in a two-dimensional plane, axonometry and perspective. The knowledge gained during the course enables students to successfully participate in vocational courses, thus qualifying them for a comprehensive and creative engagement with engineering problems.