

Specification of subjects in undergraduate studies

Subject code: EH31101
Study program: Ecological engineering for soil and water resources protection
Type and level of studies: undergraduate studies
Subject name: Mathematics
Teacher (s): Slobodanka S. Mitrović, DSc; Smiljana Jakšić, PhD
Subject type: compulsory
ECTS: 5
Condition: no
Subject aim: Students get introduced to the fundamentals of higher mathematics; they learn about the preparation of data for processing, testing of functional dependence, calculation of surfaces and the volume of figures and bodies and planes in space. They set mathematical models for simple processes in nature and to solve them.
Subject outcomes: Students' ability to master teaching materials from professional subjects in higher years of study using mathematical knowledge, to apply mathematical formulas in practice, to think logically, to analyze and systematize their knowledge.