

Specification of subjects in master's degree studies

Subject code: TMPIIM3II1
Study program: Technologies, management and design of furniture and wood products
Type and level of studies: Master's degree study program
Subject name: Nanotechnologies in wood industry
Teacher (s): Milanka R. Điporović-Momčilović, DSc
Associates:
Subject type: elective
ECTS: 8
Condition: general conditions
Subject aim: Getting acquainted with nanomaterial technology used in wood processing, nanometric techniques in exploring the fundamental structure of lignocellulosic materials and standards for nanotechnology.
Subject outcomes: Students gain knowledge about nanomaterials that enable them to apply wood products with built-in nanosensors to measure chemical emission, temperature, pressure, moisture, loads, as well as to eliminate moisture, etc.