

Specification of subjects in doctoral studies

Subject code: ДМ2.3111Б
Study program: Technologies, management and design of furniture and wood products– Submodule 2.3. Chemical and mechanical wood processing
Type and level of studies: Doctoral studies
Subject name: Wood-based boards and composites
Teacher (s): Milanka R. Điporović-Momčilović, DSc; Mlađan M. Popović, DSc
Associates:
Subject type: elective
ECTS: 8
Condition:
Subject aim: An extensive analysis of the chemical composition and conformation of the basic components of wood (lignin, cellulose, hemicellulose, extractive substances, etc.) in collaboration with adhesive systems and modification agents using modern methods of spectroscopy, thermal analysis and other sophisticated methods for diagnostics.
Subject outcomes: The student who comprehensively mastered the subject matter by scientifically qualifying for the creative level of solving problems in the field of chemical compounds that make up the wood substance and its interaction with adhesive systems, binding agents and modification.