

Specification of subjects in doctoral studies

Subject code: ДМ2.3121А
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: Characterization of wood extraction and wood destilation products
Teacher (s): Jasmina Popović, PhD
Associates:
Subject type: elective
ECTS: 8
Condition:
Subject aim: Students are introduced to modern methods used in the production and purification of extractive wood components, as well as processes and products of thermal decomposition of wood using modern methods of spectroscopy, thermal analysis and other sophisticated methods for diagnostics. The students gain deeper knowledge of wood as a raw material that provides the opportunity to obtain a variety of commercial products, as well as ways of characterizing these products
Subject outcomes: That the candidate comprehensively master the knowledge in the field of chemical processing of wood and the possibility of exploitation of wood as a raw material, so that they can be scientifically trained for the creative level of solving problems in the field of chemical wood processing.