

### Specification of subjects in doctoral studies

<b>Subject code:</b> ДМ2.2121Б
<b>Study program:</b> Technologies, management and design of furniture and wood products
<b>Type and level of studies:</b> Doctoral studies
<b>Subject name:</b> Surface processing of final wood products
<b>Teacher (s):</b> Jaić I. Milan, DSc; Paliija B. Tanja, PhD
<b>Associates:</b>
<b>Subject type:</b> elective
<b>ECTS:</b> 8
<b>Condition:</b>
<b>Subject aim:</b> Introduction to modern ecologically-friendly materials and technologies for surface finishing of final wood products. Understanding the mechanism of coating formation on the surfaces of furniture using modern coatings for surface treatment. Monitoring the quality of surface finishing of furniture by testing the properties of the base and properties of the processing materials and their mutual relationship. Mastering the procedures and methods of research in the field of improvement of wood-based boards.
<b>Subject outcomes:</b> Introduction to modern ecologically-friendly materials and technologies for surface finishing of final wood products. Understanding the mechanism of coating formation on the surfaces of furniture using modern coatings for surface treatment. Monitoring the quality of surface finishing of furniture by testing the properties of the base and properties of the processing materials and their mutual relationship. Mastering the procedures and methods of research in the field of improvement of wood-based boards.