Module name	Processing of Forest Products
Modul level, if applicable	Master Program
Code, if applicable	190401802W004
Subtitle, if applicable	-
Courses, if applicable	Regular
Semester(s) in which the module is taught	Pre-Semester
Person responsible for the module	
Lecturer	
Language	Indonesian, English
Relation to curriculum	Compulsory
Type of teaching, contact hours	Direct instruction, discussion, assignment
Workload	The expected workload will consist of around 79.4 hours in 16 weeks (14 meetings for learning activity, a meeting for mid-semester test, a meeting for final exam) throughout the semester which consists of: • Face to face component (lectures) consists of 2 x 50 minutes per week. • Structured assignments for 2 x 60 minutes per week. • Self-directed study for 2 x 60 minutes per week.
Credit points	2 SKS/3.2 ECTS Details: 1 Credits = 170mins/week/semester 1 Credits = 170 mins x 14 week = 2,380 mins = 39.7hours/semester 1 ECTS = 39.7h/25h = 1.6 Explanation: • 1 semester = 16 weeks which includes 14 meetings for learning activity, one meeting for mid-semester test in between, and one meeting for final examination at the end of semester. • 1 semester consists of 2 quartiles, 1 quartile equals to 12.5 – 15 ECTS, therefore 1 ECTS = 25 – 30 hours. The 25 hours is set as the standard for 1 ECTS.
Requirements according to the examination regulations	Have attended not less than 80% class meetings
Recommended prerequisites	-
Module objectives/intended learning outcomes	After attending this course, students have the ability to: 1. Analyze and Explain the Wood Drying and Wood Preservation 2. Analyze the Material for Drying and Preserving Wood 3. Explain the Source of Forest Energy 4. Explain the Management of Non-Timber Forest Product 5. Analyze the Processing of Dyes and Tannins as Non-wood Forest Products 6. Analyze the Processing of Aromatic Plant Products as Raw Materials for Essential Oils 7. Analyze and Compare the Natural Drying and Aid Drying

<table>
<tr><td></td><td>8. Explain and Analyze the Supply and Demand of Wood Preservation
9. Explain the Preparation of Preservatives, Wood Preparation Before Peservation, and Preservation Process
10. Analyze the Biomass Conversion to Solid Energy and Wood Pellets, Pulp and Paper</td></tr>
<tr><td>Content</td><td>This course is discuss</td></tr>
<tr><td>Study and examination requirements and forms of examination</td><td>Evaluation and assessment of the learning process are following scheme 5 in the Academic Regulations of Mulawarman University:
<table>
<tr><th>No.</th><th>Objects of Assessment</th><th>Forms of Assessment</th><th>Quantity (%)</th></tr>
<tr><td>1</td><td>Affective and class attendance</td><td>Participation</td><td>10</td></tr>
<tr><td>2</td><td>Assignment</td><td>Q&A</td><td>20</td></tr>
<tr><td>3</td><td>Mid-semester test</td><td>Written test</td><td>30</td></tr>
<tr><td>4</td><td>Final semester test</td><td>Written test</td><td>40</td></tr>
<tr><td colspan="3">TOTAL</td><td>100</td></tr>
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<tr><td>Media employed</td><td>Laptop, LCD</td></tr>
<tr><td>Reading list</td><td></td></tr>
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