



Module name	Formulation of Silvicultural System
Modul level, if applicable	Master Program
Code, if applicable	190401802P021
Subtitle, if applicable	
Courses, if applicable	Regular
Semester(s) in which the module is taught	II
Person responsible for the module	Prof. Dr. Ir. H. Marjenah, M. P.
Lecturer	Prof. Dr. Ir. H. Marjenah, M. P. Kiswanto, S. Hut., M. P., Ph. D
Language	Indonesian, English
Relation to curriculum	Elective
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: Recognize the silviculture system formulation Identify the Considerations for Determining a Silvicultural System Analyze the multi system silviculture Identify Formulation of an Energy Timber Plant Forest Silviculture System Explain The Formulation of a Silvicultural System Identify and conduct the Considerations for Formulating a Silvicultural System



	Analyze and Explain silvicultural systems & regeneration methods, Silvicultural Systems in Production Natural HTN, Implementation of Multi-Silvicultural Systems, Silvicultural Systems of Mangrove Forests and Energy Wood Plantation Forests, Formulation of an Ecosystem-Based Silvicultural System, Spatially Based Silvicultural Multisystem Formulation																								
Content	This course discusses in detail about Formulation of a Silvicultural System, contain Considerations for Determining a Silvicultural System, Silvicultural Systems and Regeneration Methods, Multi System Silviculture, Formulation of an Energy Timber Plant Forest Silviculture System. This course provide student to recognize the formulation of silvicultural system.																								
Study and examination requirements and forms of examination	Evaluation and assessment of the learning process are following scheme 5 in the Academic Regulations of Mulawarman University:																								
	<table border="1"> <thead> <tr> <th>No.</th> <th>Objects of Assessment</th> <th>Forms of Assessment</th> <th>Quantity (%)</th> </tr> </thead> <tbody> <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> </tbody> </table>	No.	Objects of Assessment	Forms of Assessment	Quantity (%)	1	Affective and class attendance	Participation	10	2	Assignment	Q&A	20	3	Mid-semester test	Written test	30	4	Final semester test	Written test	40	TOTAL			100
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Media employed	Laptop, LCD																								
Reading list																									