

Module/Course Description

Field Forestry Practices (FHT200)

A. Module Identity		
1.	Name	Field Forestry Practices
2.	Code	FHT200
3.	Credit	3
4.	Semester	4
5.	Pre-requisite	Students have completed the subjects: Introduction to Forestry Science and Environmental Ethic, Forest Resource Inventory, Forest Ecology, Bio-Resources Conservation and completed lectures at least 60 credits
6.	Coordinator	Dr. Gunawan Santosa
7.	Lecturers	Lecturer Team of Field Forestry Practices, Faculty of Forestry IPB
8.	Language	Indonesian
9.	Program(s) in which the course is offered	Internal department: Forest Management Study Program Other departments: Forest Technology Study Program, Forest Conservation and Ecotourism Study Program, Silviculture Study Program
10.	Type of teaching	a. Traditional classroom: 100 % b. Blended system: Traditional classroom....%, Online....% c. e-Learning system:% d. Others:%

B. Workload of course components (total contact hours and credits per semester)								
Credit		Contact Hours**				Self-Study	Other	Total
SKS *)	ECTS	Lecture	Class Exercise	Laboratory	Field Practice			
3		24			192			216

*) Semester credit unit according to the Indonesian higher educational system

Lecture is conducted in preparation phase for 3 days (8 hours/ day), 1 week before departing to the field
Field practice is conducted in 8 hours/ day for 24 days

**) 1 hour for lecture= 50 minutes; 1 hour for class exercise or laboratory or field practice = 60 minutes

C. Module Objective (Learning Outcomes)
Students are able to identify ecosystem types and its components, interaction, process, roles, and function of each ecosystem type in Indonesia from the beach to mountain area; able to identify and estimate the parameter of ecosystem components from beach to mountain area; able to analyze the concept and theory by depth exploring the implementation theory of forest management unit (Perum Perhutani, Conservation Area, Industry of timber/non timber, community), as well as developing technical ability. Besides that, students are able to develop personality, teamwork ability, work ethic, and professional ethics

D. Detailed Course Learning Outcomes (LO) in Relation to Learning Domains, Teaching Strategies, and Assignment Methods			
No.	LO in Learning Domains	Teaching Strategies	Assessment Methods
a. Knowledge			
1.	Students are able to explain and identify ecosystem types and its components, interaction, process, roles, and function in each ecosystem types in Indonesia from the beach to mountain area	Lectures, implementation of field activities, reporting, evaluation and quiz	Authentic assessment
2.	Students are able to identify the parameter of ecosystem components from beach to mountain area	Lectures, implementation of field activities, reporting, evaluation and quiz	Authentic assessment
3	Student are able to explain activities of forest product industry and forest harvesting process		Authentic assessment
b. Skills			
1.	Students are able to explore ecosystem types and its components, interaction, process, roles, and function in each ecosystem type in Indonesia from the beach to mountain area	Lectures, implementation of field activities, reporting, evaluation and quiz	Authentic assessment
2.	Students are able to estimate the parameter of ecosystem components from beach to mountain area and its potency	Lectures, implementation of field activities, reporting, evaluation and quiz	Authentic assessment
3.	Students are able to observe wildlife	Lectures, implementation of field activities, reporting, evaluation and quiz	Authentic assessment
4.	Students are able to demonstrate forest planning activities	Lectures, implementation of field activities, reporting, evaluation and quiz	Authentic assessment
5.	Students are able to demonstrate interview and social interaction in forest community	Lectures, implementation of field activities, reporting, evaluation and quiz	Authentic assessment
c. Competences:			
1.	students are able to develop personality, teamwork ability, work ethic, and professional ethics	Lectures, implementation of field activities, reporting, evaluation and quiz	Authentic assessment

E. Module Content		
List of Topic	Number of Days	Contact Hours
Forest classification and types	5	40
Physical environmental factors of the forest	5	40
Technical observation of wildlife	5	40
Forest planning	2	16
Forest development	2	16
Forest protection	1	8
Harvesting of non-timber forest product	1	8
Bio-resources conservation	1	8
Social forestry	1	8
Industry of forest product	1	8

F. Course Assessments			
No.	Assessment Type *)	Schedule (Week Due)	Proportion of the Final Mark
1.	Quiz in Preparation Stage	1 week before departing to the field	15%
2.	Implementation of Field Practice	Everyday in 24 days	30%
3.	Practical Report	Everyday in 24 days	40%
4.	Quiz of Practical Material	Minimal 1 time	15%

**) Example: mid-term examination, final examination, quiz, homework, project, etc.*

G. Media Employed
Laptop, LCD, Microphone, Material of Field Practice (compass, bitterlich, thermometer, phi band, tally sheet, headlamp, etc)

H. Learning Resources
h1. Textbooks: Fakultas Kehutanan. 2019. Panduan Praktik Lapang Kehutanan Mahasiswa Proram Sarjana. Bogor: IPB