

Module/Course Description

INTRODUCTION TO FORESTRY SCIENCE AND ENVIRONMENTAL ETHICS (MNH 201)

A. Module Identity		
1.	Name	Introduction to Forestry Science and Environmental Ethics
2.	Code	MNH 201
3.	Credit	2 (2-0)
4.	Semester	2
5.	Pre-requisite	Introduction to Agricultural Science
6.	Coordinator	Prof. Dr. Ir. Endang Suhendang, MS.
7.	Lecturers	Prof. Dr. Ir. Endang Suhendang, MS. Prof. Dr. Ir. Dudung Darusman, MA. Dr. Ir. Upik Rosalina, DEA. Dr. Ir. Bahruni, MS.
8.	Language	Indonesian
9.	Program(s) in which the course is offered	Internal department: Forest Management Study Program Other departments:
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			
2		28				56		84

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

1 credit unit lecture = 2 hours/ week for lecture and 2 hours/ week for self-study within 14 weeks/ semester

1 credit unit class exercise or laboratory or field practice = 3 hours/week within 12-14 weeks/semester

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

C. Module Objective (Learning Outcomes)

Students having the ability to comprehend a number of concepts, definitions and requirements, functions and benefits of forests, forest activities, as well as forestry science and environmental 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 describe the issues in humans' life in the 21 st century, the scope and importance of studying forestry science	Face-to-face lecture course Debriefing (Q/A)	Midterm Exam and Independently Assignment (14%)
2.	Students are able to explain the roles of forests, ways of interaction between humans and forest, and the role of forestry science in humans' life	Face-to-face lecture course Debriefing (Q/A)	Midterm Exam (6%)
3.	Students are able to recognize the definition and characteristic science, forestry science, and the development of forestry science scope	Face-to-face lecture course Debriefing (Q/A)	Midterm Exam (12%)
4.	Students are able to outline the definition of forest, forest classification, and forestry as an activity, science, profession, and system	Face-to-face lecture course Debriefing (Q/A)	Midterm Exam (12%)
5.	Students are able to knows the technical term in science and profession, definition of terms 'roles of forests', 'functions of forests' and 'benefits of forests', and roles,	Face-to-face lecture course Debriefing (Q/A)	Midterm Exam (6%)

	functions and benefits of forests in humans' life		
6.	Students are able to explain the origin of forests, type of forest ecosystems, forest resources, development of forest area, relative comparison between Indonesian forest and forests around the world, as well as forest maintenance in Indonesia	Face-to-face lecture course Debriefing (Q/A)	Final Exam and Independently Assignment (14%)
7.	Students are able to recognize the definition of profession and professional, profession as a forester and professional forester, and several possible careers in forest professions	Face-to-face lecture course Debriefing (Q/A)	Final Exam (12%)
8.	Students are able to explains the development of concerns from the international community towards global forestry issues; the development forest management principles at the international level; the international conventions and consensus in forestry; the forest maintenance scheme through international cooperation; the forest maintenance at the globalization era of forestry; the international institutions in forestry and those related to forestry	Face-to-face lecture course Debriefing (Q/A)	Final Exam (12%)

9.	Students are able to interpret the basics of environmental ethics as professional foresters	Face-to-face lecture course Debriefing (Q/A)	Final Exam (12%)
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E. Module Content		
List of Topic	Number of Weeks	Contact Hours
Introduction and Scope of Forestry Science	1	2
Role of Forestry Science in Humans' Life	1	2
Development of Scope of Forestry Science; Position of Introduction to Forest Science in Forestry Science	2	4
Definition of Forest; Forest Classification; Forestry as Activity, Science, Profession, and System	2	4
Roles, Functions, and Benefits of Forests in Humans' Life	1	2
Forest Condition in Indonesia	2	4
Forester as a Profession and Professional	1	2
International Forestry	2	4
Basic of Environmental Ethics	2	4

F. Course Assessments			
No.	Assessment Type *)	Schedule (Week Due)	Proportion of the Final Mark
1.	Mid-term examination	8th week	42 %
2.	Final examination	16th week	42 %
3.	Independently Assignment	2 time in semester	16 %

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

G. Media Employed
<ul style="list-style-type: none"> - Classroom - Laptop - LCD - Microphone (loudspeaker)

H. Learning Resources

1. Suhendang E. 2013. *Pengantar ilmu kehutanan: Kehutanan sebagai Ilmu Pengetahuan, Kegiatan, dan Bidang Pekerjaan*. Bogor (ID): IPB Press
2. Suhendang E. 2013. *Perkembangan Paradigma Kehutanan. Diskusi pengelolaan hutan berbasis ekosistem sebagai pendekatan untuk pengelolaan hutan Indonesia dalam paradigma kehutanan Indonesia baru*. Bogor (ID): Indonesia.