

Rencana Program dan Kegiatan Pembelajaran Semester (RPKPS)

Dendrologi Hutan Tropika

REG



Oleh:

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**Program Studi MAGISTER ILMU KEHUTANAN
Departemen KEHUTANAN
Fakultas KEHUTANAN
UNIVERSITAS GADJAH MADA
2021 GANJIL**

RENCANA KEGIATAN PEMBELAJARAN SEMESTER

A. Identitas Matakuliah / *Course Detail*

1. Nama Matakuliah / *Course Name* : Dendrologi Hutan Tropika
2. Kode/SKS/Sifat / *Code/Credits/Status* : KTB 659/2/Pilihan (*Elective*)
3. Prasyarat / *Prerequisite* :
4. Deskripsi Singkat / *Short Description* : Tropical flora in different ecology: diversity, ethnobotany, intensive silviculture, and problem
5. Tujuan Pembelajaran / *Learning Objective* :
6. Dosen Pengampu Matakuliah / *Lecturers* : Dwi Tyaningsih Adriyanti, ATUS SYAHBUDIN, Mohammad Na'iem
7. Capaian Pembelajaran Matakuliah / *Course Learning Outome (CPMK/CLO)* :

Kode / <i>Code</i>	Deskripsi / <i>Description</i>	PLO/SO/ELO/CPL/LG
CLO1	Able to explain the position and importance of dendrology of tropical forest in the awareness of maintaining biodiversity	PLO 2
CLO2	Able to classify tropical species on their ecosystem	PLO 5
CLO3	Able to criticize tropical species: uses, intensive silviculture and update problem	PLO 6

PLO / PI *Detail*

PLO 2	Value (responsibility, confidence, emotional maturity, ethics, lifelong learner, develop network)	<i>Having responsibility, confidence, emotional maturity, ethics, and awareness of being a lifelong learner and able to develop network.</i>
PLO 5	Knowledge (Analyse Comprehensively in the Specific Fields)	<i>Able to analyze comprehensively updated issues in the specific fields of silviculture, forest management, forest products technology or forest resource conservation, and to recommend possible solutions based on difined problems.</i>
PLO 6	Skill (Logic, Critical, Innovative Thinking)	<i>Able to apply logical, critical, systematic and innovative thinking skills by utilizing information technology to produce solutions in form of scientific documents individually as well as in a team.</i>

B. Topik Perkuliahan / *Course Materials*

Bahasan / Main Discussion	Estimasi Waktu / Estimated Times (Hour)	Kompetensi (Course Learning Outcomes)
Introduction	2	CLO1
Mountain Forest: Roles and Diversity of Indigenous Species	2	CLO1
Mountain Forest: Problems, Ethnobotany and Exotic Species	2	CLO1
Lowland Forest (I)	2	CLO2
Lowland Forest (II)	2	CLO2
Lowland Forest (III)	2	CLO2
Flora of Wallacea Regions: Roles and Problems	2	CLO2
Flora of Wallacea Regions: Wooden Ship Trees Species	2	CLO2
Flora Wallacea Regions: Sago Palm (Diversity based on Morphology and Culture)	2	CLO3
Flora Wallacea Regions: Distribution, Etnobotany, and Intensive Silviculture of Sago Palm	2	CLO3
Lowland Forest (IV)	2	CLO3
Lowland Tropical Rainforest (I)	2	CLO3
Lowland Tropical Rainforest (II)	2	CLO3

C. Rencana Asesmen / Assesment Plan

CO/CPMK	Tipe / Type	Deskripsi / Description	Persentase / Percentage	PLO/SO/ELO/CPL/LG
CLO1	TUGAS	Tugas	10	PLO 2
CLO2	UTS	Midtest	50	PLO 5
CLO3	UAS	Final test	40	PLO 6

D. Referensi / References

E. Rencana Kegiatan Pembelajaran Mingguan (RKPM) / Weekly Teaching Plan

Pertemuan Ke / Week	Tujuan Ajar / Learning Objective	Topik / Topic	Media Ajar / Teaching Media	Metode Assesment / Assesment Method	Metode Ajar / Teaching Method	Aktivitas Mahasiswa / Student Activity	Aktivitas Dosen / Lecturer Activity	Sumber Ajar / Learning Resources
1	Able to explain the position and importance of dendrology of tropical forest in the awareness of maintaining biodiversity	Introduction	Computer, multimedia projector Textbook Internet	mid test	Lecturing Explanation Discussion	Follow the class, discussion	Deliver lectures, contribute to discussion	null
2	Able to explain the position and importance of dendrology of tropical forest in the awareness of maintaining biodiversity	Mountain Forest: Roles and Diversity of Indigenous Species	Computer, multimedia projector Textbook Internet	mid test	Lecturing Explanation Discussion	Follow the class, discussion	Deliver lectures, contribute to discussion	null
3	Able to explain the position and importance of dendrology of tropical forest in the awareness of maintaining biodiversity	Mountain Forest: Problems, Ethnobotany and Exotic Species	Computer, multimedia projector Textbook Internet	mid test	Lecturing Explanation Discussion	Follow the class, discussion	Deliver lectures, contribute to discussion	null
4	Able to classify tropical species on their ecosystem	Lowland Forest (I)	Computer, multimedia projector Textbook Internet	mid test	Lecturing Explanation Discussion	Follow the class, discussion	Deliver lectures, contribute to discussion	null
5	Able to classify tropical species on their ecosystem	Lowland Forest (II)	Computer, multimedia projector Textbook Internet	mid test	Lecturing Explanation Discussion	Follow the class, discussion	Deliver lectures, contribute to discussion	null

Pertemuan Ke / Week	Tujuan Ajar / Learning Objective	Topik / Topic	Media Ajar / Teaching Media	Metode Assesment / Assesment Method	Metode Ajar / Teaching Method	Aktivitas Mahasiswa / Student Activity	Aktivitas Dosen / Lecturer Activity	Sumber Ajar / Learning Resources
6	Able to classify tropical species on their ecosystem	Lowland Forest (III)	Computer, multimedia projector Textbook Internet	mid test	Lecturing Explanation Discussion	Follow the class, discussion	Deliver lectures, contribute to discussion	null
7	Able to classify tropical species on their ecosystem	Flora of Wallacea Regions: Roles and Problems	Computer, multimedia projector Textbook Internet	final test	Lecturing Explanation Discussion	Follow the class, discussion	Deliver lectures, contribute to discussion	null
8	Able to classify tropical species on their ecosystem	Flora of Wallacea Regions: Wooden Ship Trees Species	Computer, multimedia projector Textbook Internet	final test	Lecturing Explanation Discussion	Follow the class, discussion	Deliver lectures, contribute to discussion	null
9	Able to criticize tropical species: uses, intensive silviculture and update problem	Flora Wallacea Regions: Sago Palm (Diversity based on Morphology and Culture)	Computer, multimedia projector Textbook Internet	final test	Lecturing Explanation Discussion	Follow the class, discussion	Deliver lectures, contribute to discussion	null
10	Able to criticize tropical species: uses, intensive silviculture and update problem	Flora Wallacea Regions: Distribution, Etnobotany, and Intensive Silviculture of Sago Palm	Computer, multimedia projector Textbook Internet	final test	Lecturing Explanation Discussion	Follow the class, discussion	Deliver lectures, contribute to discussion	null
11	Able to criticize tropical species: uses, intensive silviculture and update problem	Lowland Forest (IV)	Computer, multimedia projector Textbook Internet	final test	Lecturing Explanation Discussion	Follow the class, discussion	Deliver lectures, contribute to discussion	null
12	Able to criticize tropical species: uses, intensive silviculture and update problem	Lowland Tropical Rainforest (I)	Computer, multimedia projector Textbook Internet	final test	Lecturing Explanation Discussion	Follow the class, discussion	Deliver lectures, contribute to discussion	null

Pertemuan Ke / Week	Tujuan Ajar / Learning Objective	Topik / Topic	Media Ajar / Teaching Media	Metode Assesment / Assesment Method	Metode Ajar / Teaching Method	Aktivitas Mahasiswa / Student Activity	Aktivitas Dosen / Lecturer Activity	Sumber Ajar / Learning Resources
13	Able to criticize tropical species: uses, intensive silviculture and update problem	Lowland Tropical Rainforest (II)	Computer, multimedia projector Textbook Internet	final test	Lecturing Explanation Discussion	Follow the class, discussion	Deliver lectures, contribute to discussion	null