RENCANA PERKULIAHAN

MATA KULIAH   **: EKOLOGI LAHAN**
BOBOT KREDIT   **: 3 (2-1) SKS**
JURUSAN   **: TANAH**
KODE MATA KULIAH **: PTN 24515**
SEMESTER   **: GENAP 2021/2022**

I. PENGAJAR :
1. **Sabaruddin (SBR)**
2. **A. Napoleon (AN)**

II. WAKTU/RUANG KULIAH:
1. **Kuliah**   **: 100 menit/minggu**
2. **Waktu kuliah : Kelas A dn B, Selasa, Pkl. 13.20-15.00**
3. **Ruang**   **: Online**

III. DESKRIPSI MATA KULIAH

Ekologi Lahan (Lansekap) membahas interaksi pola spasial dan proses ekologis, termasuk pengaruh manusia. Mata kuliah ini mencakup konsep dasar, pengantar dan metode dalam ekologi lansekap, dan aplikasinya dalam koservasi SDA, pengelolaan SDA, serta perencanaan dan perancangan lansekap.

1. **Tujuan Umum**
   Mahasiswa memahami dan mampu menjelaskan tentang Ekologi Lahan dan aspek aplikasinya.

2. **Tujuan Instruksional Umum**
   Setelah mengikuti kuliah ini, mahasiswa dapat:

   a. Memahami konsep dasar ekologi lahan (lansekap).
   b. Memahami interaksi antar komponen lahan.

IV. Penilaian
Komponen nilai terdiri atas (dapat disesuaikan):
a. Praktikum   : 30%
b. Kuis   : 10%
c. Ujian Pertengahan : 20%
d. Ujian akhir   : 30%
e. Tugas   : 10%
    Total   : 100%

V. Tata Tertib

1. Mahasiswa diperkenankan ikut ujian akhir hanya jika kehadirannya di kelas ≥ **85%** dari total tatap muka,
2. Selama kuliah HP HARUS NON-AKTIF atau HARUS TANPA NADA DERING,
3. **Mahasiswa yang berbuat curang dalam kuis, tugas, ujian akan diberi penalti. Kuis, tugas, ujian dianggap 0 (Nol).**

VI. GARIS BESAR PERKULIAHAN

Minggu Ke-	Tanggal	Pokok Bahasan	Pengajar

1		Pendahuluan:
		• Penjelasan Silabus, Tata tertib, Penilaian, Pustaka, Jadwal Kuliah
		• Apa yang dimaksud;
		  o Ekologi,
		  o Lahan, dan
		  o Lansekap
			SBR

2		Konsep Ekologi: • Beberapa Konsep Dasar dalam Ekologi Lansekap • Heterogenitas Spasial dan Lansekap	SBR
3		Lanjutan Topik 2	SBR
4		Struktur lansekap	SBR
5		Lanjutan Materi Minggu 4	SBR
6		Kuantifikasi pola lansekap	SBR
7		Pengantar Etika Ekologi	SBR
8		**UTS**	**SBR**
9		Organisme dan Lansekap : • Hubungan Organisme dan Lansekap • Dinamika populasi • Lansekap dan Proses Ekosistem • Perubahan dan Stabilitas Lansekap	**AN**
10		Lanjutan Materi 9	**AN**
11		Ekologi Lahan Basah: • Rawa Lebak, • Rawa Pasang Surut	**AN**
12		Lanjutan Materi Minggu 10	**AN**
13		Gangguan Antropogenik: • Populasi manusia • Koversi lahan • Polusi • Perubahan iklim • Hama dan penyakit	**AN**
14		Lanjutan Materi 12	**AN**
15		Gangguan Natural: • Hama dan penyakit • Kebakaran lahan • Perubahan iklim	**AN**
16		**UAS**	**AN**

VII.BAHAN BACAAN

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