



KEMENTERIAN PENDIDIKAN NASIONAL
 UNIVERSITAS BRAWIJAYA – MALANG
 FAKULTAS MIPA JURUSAN BIOLOGI

KEGIATAN PERKULIAHAN

MATA KULIAH : Konservasi Biodiversitas
 SEMESTER : Genap 2011/2012
 SKS/KELAS : A
 DOSEN KOORDINATOR : Endang Anisresideningsih

NO	TANGGAL	NAMA DOSEN	POKOK BAHASAN	TANDA TANGAN
1	20-02-2012	Endang A	Penyadukan, Status, value	[Signature]
2	27-02-2012	Baeyo Yumnadi	Merancang persepsi masyarakat konservasi biodiversitas	
3	27-02-2012	Endang A & Cahur R.	Analisis regresi Hutan	[Signature]
4	05-03-2012	Cahur R & Nia K	Aquatic diversity assessment Vertebrate diversity assessment	[Signature]
5	05-03-2012	Baeyo Y & Amin SL	Invertebrate diversity assessment	
6	12-03-2012	Endang Cahur, Baeyo, Nia, Amin	Community structure, diversity index, index similarity	[Signature]
7	19-03-2012	Nia K	Genetic diversity & biological conservation	
8	26-03-2012	Endang A.	Ecosystem diversity & bio-div mapping	[Signature]
9	2-04-2012	Amin	Analisis diversitas level ke brada	[Signature]
10	7/05 - 14/05	BG	Rebabarax Prouly [Signature]	[Signature]
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Jadual Kuliah **KONSERVASI BIODIVERSITAS** Kelas A/B (MK wajib, 6(2-4) SKS, MAB4276)
Sem. Genap Th. 2011/2012

Hari : **Senin** Ruang : **RB Jam 07.30-09.10 (AB)**

Ruang : **Lab Ekologi/Lapang jam 09.20-17.00 (AB)**

Minggu ke	Tanggal	Pokok Bahasan	Sub Pokok Bahasan	Strategi, tempat, waktu	Tim Pengajar	Kelas	Praktikum
1	20 Feb 12	Pendahuluan, & scope, value, status, quality of biodiversity (genetic, species and ecosystem, αβγ diversity).	a) Pendahuluan: Tujuan, ruang lingkup materi, kompetensi, strategi, fund raising & evaluasi pembelajaran MK Konservasi Biodiversitas. Status, value, distribution & quality of biodiversity, gaining & loosing biodiversity. Quality of biodiversity and their implication to ecological services. Characteristics of Conservation Biology: Biodiversity, endemism, exploitation, extinction, habitat fragmentation, biological globalization, habitat protection, restoration, rehabilitation & environmental ethics.	Ceramah dan diskusi, kelas, 100 menit	EA	AB	-
2-3	27 Feb	Gathering information on biodiversity & culture using questionnaire & interview. Plant diversity assessment	Studi pustaka biodiversitas & konservasinya Merancang kuisioner & wawancara Direct & indirect plant (trees, poles, ground cover) diversity assessment. Assignment: Significant role of plant diversity on carbon sequestration and sustainable development	Field study (kuliah-praktikum) lapang (Cangar) diskusi, tugas, praktikum, internet, 2x100 menit 1x4x120 menit	EA-BY	AB	Biodiversity & culture. Plant diversity assessment. Cangar Data submission
4-5	05 Mar	Terrestrial & aquatic animal diversity assessment, spatial & temporal	Direct & indirect animal (vertebrate, invertebrate, diurnal, nocturnal, benthic, periphyton) diversity assessment in terrestrial & aquatic ecosystem Assignment: agricultural biodiversity and health ecosystem	Field study (kuliah-praktikum) lapang diskusi, tugas, praktikum, internet, 2x100 menit 1x4x120 menit	BY, NK, CR, ASL	AB	Terrestrial & aquatic animal diversity assessment. (Ngijo, ITN, ..) Data submission
6	12 Mar	Struktur komunitas, taxa richness, diversity indices, diversity quality indices	Density and abundance, frequency, dominance, important value, rate of endemism, order, family, genera richness, plant & animal quality indices	Ceramah dan diskusi, kelas, 1x100 menit, 1x4x120 menit	Tim	A (Ecolab) B (Animal Div Lab)	Analyzing, interpreting & presenting data/ information
7	19 Mar	Genetic diversity & biological globalisation	Assessment of genetic diversity based on morphological, physiological and molecular studies. Biohazards: biological globalization and danger of invasive species to integrity of our tropical ecosystem.	Field study (kuliah-praktikum) lapang (Kota), diskusi, tugas, praktikum, internet, 2x100 menit, 1x4x120 menit	NK	AB (RB)	Brief report submission from previous practices. Assignment: A real example of gene flow: Ecological significance of genetically modified organism (GMO) in natural ecosystem
8-9	26 Mar	Ecosystem diversity assessment & landscape ecology. Mapping genetic, species & ecosystem diversity	Qualitative and quantitative methods in ecosystem diversity assessment & its implication to landscape ecology. Importance of ecosystem diversity mapping using Geographical Information System, vulnerable ecosystem	Ceramah dan diskusi, kelas (RB), 100 menit	EA	AB	Assignment: Biodiversity assessment in Batu secret zoo.
10	02 Apr	Evaluasi konsep & ketrampilan dasar	Biodiversity, culture and sustainable development	Oral presentation, skill demonstration, KRP, 2x100 menit, 1x4x120 menit	Tim	AB (Purwodadi Botanic Garden)	
11	09 Apr	Remedial:	Biodiversity, culture and	Written test,	Tim	AB	-