EEB 122: ECOLOGY **SPRING 2007**

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LECTURE: MWF 2-2:50 PM, MS 5200

DISCUSSION SECTIONS: T 11:00 AM, T 1:00 PM, R 10:00 AM, R 11:00 AM

COURSE WEBSITE: http://www.lsic.ucla.edu/classes/spring07

TEXTBOOK: *Ecology*, by Charles J. Krebs, 5th Edition

MIDTERM AND FINAL EXAMS

Exams will be a combination of definitions, short answer, and essay questions. No notes or calculators will be allowed. The midterm will be given **May 4th during class** and will cover the first half of the course. The final will be given on **June 12th at 3PM** and will emphasize the second half of the course—however you will also need to use information from the first half of the course. Note that you will have 2 hours to complete the final exam, not the full 3 hours scheduled by the registrar. Please check the syllabus carefully to make sure you do not have a scheduling conflict with the test dates.

GRADING

30% - Discussion section attendance and participation
30% - Midterm exam
40% - Final exam

If the class mean is 75% or higher, letter grades will be assigned without any adjustment (90-100% A±, 80-89% B±, 70-79% C±, 60-69% D±, <60% F). If the class mean is lower than 75%, we will lower the cutoffs to compensate (e.g., 89% will become an A-). *No make-up tests or extra credit assignments will be given.*

Dropping the course. Poor performance in this course may prevent you from graduating, or may negatively influence your applications to graduate school. If you are failing the course, it may be in your best interest to drop the course *before* the final exam.

Plagiarism. Any student who submits work that appears to have been copied from another student's work, the scientific literature, or the Internet will have their case immediately forwarded to the Dean's Office for disciplinary action.

DATE	TOPIC	READING
April 2nd	Introduction	2-15
April 4th	Climate	86-99
April 6th	Primary Production	99-105
April 9th	Terrestrial Primary Production	513-534
April 11th	Marine Primary Production	
April 13th	Secondary Productivity & Trophic Interactions	537-551
April 16th	Decomposition & Nutrient Use	
April 18th	Biogeochemical Cycles	560-580
April 20th	Biogeochemical Cycles	
April 23rd	Humans & Ecology	583-606
April 25th	Humans & Ecology	
April 27th	Industrial & Applied Ecology - Mark Katchen	TBD
April 30th	Microbial Ecology	TBD
May 2nd	Microbial Ecology & Review	TBD
MAY 4TH	**MIDTERM EXAM - 2 PM IN CLASS**	
May 7th	Organisms: Evolution, Conditions, Resources	17-28, 86-104
May 9th	Organisms: Life, Death, Life Histories	116-125, 134-137, 149-154, 173-176, 199-201
May 11th	Organisms: Competition, Dispersal, Dormancy	41-56, 129-130, 367-371
May 14th	Species & Populations: Restoration, Biosecurity, Conservation	119-132, 355-358, 480-482
May 16th	Species & Populations: Pest Control, Management, Fisheries	305-328, 331-353
May 18th	Communities: Diversity, Richness, Composition	434-453, 463-476
May 21st	Communities: Symbiosis & Mutualisms, Parasitism & Disease	239-254
May 23rd	Communities & Ecosystems: Patterns in Space & Time	386-400, 434-457
May 25th	Ecosystems: Fluxes of Energy & Matter	
MAY 28TH	**MEMORIAL DAY - NO CLASS**	
May 30th	Influence of Population Interactions on Community Structure	403-432
June 1st	Food Webs and Species Richness	434-435, 463-483, 495-500
June 4th	Communities & Ecosystems: Succession, Food Webs, Ecosystem Function & Biodiversity	406-431, 459-482
June 6th	Communities & Ecosystems: Succession, Food Webs, Ecosystem Function & Biodiversity	556
June 8th	Review and Questions	
JUNE 12TH	**FINAL EXAM - 3-5 PM**	