Environmental Economics
Econ/Ensc 006

University of California, Riverside
Department of Economics
Summer 2007

Course Instructor: Aditi Bhattacharyya
Email: aditi.bhattacharyya@email.ucr.edu
Office: Sproul 3126

Lecture: MTWR 1:00 p.m-2:30 p.m, SPR 1358
Office Hours: Wednesday 2:30 p.m – 4:30 p.m, or by appointment

Course Description: This course applies economic tools to a number of environmental issues like how the environmental resources are allocated and used, potential problems from a social perspective with that usage, and alternative solutions for reallocating the resources to perhaps a more socially desirable outcome. The broad concepts discussed include benefit-cost analysis, environmental benefit and cost measurement, alternative policy instruments for pollution control, and if time permits, economic growth and its effect on the environment in developing countries. Primarily the material covered in the lectures defines the content of the course. Most of this material can be found in the textbook. However, some extra readings will be assigned in class and posted on the course ilearn website. Students are responsible for being up to date on class announcements. The schedule is subject to change.

Exams and Grading: There will be assignments, a midterm exam, and a final exam. They will count toward the course grade as follows.

Assignments 20%
Midterm  40%. Date will be announced in class.
Final  40%. Friday, Date will be announced in class

Late submission of assignments will not be accepted. No make-up exams will be given without a legitimate reason.


Course Outline:
1. Environmental Economics: An Introduction
   - Field, Chapters 1 and 2
2. Supply and Demand/Benefits and Costs
   - Field, Chapter 3
3. Welfare Analysis: Economic Efficiency and Externalities
   - Field, Chapter 4
4. Economics of Environmental Quality
   - Field, Chapter 5
5. Benefit – Cost Analysis and Environmental Decision Making
   - Field, Chapters 7 and 8
6. Criterion for Evaluating Environmental Policies
   - Field, Chapter 9
7. Alternative Policy Options for Correcting Market Failures
   - Field, Chapters 11, 12, 13
8. Special Topics
   Development, Growth and Environment (Field, Chapter 19)
   Global Environmental Issues (Field, Chapter 20)
   U.S. Environmental Quality Mandates