

## **Outline for Environmental Economics (EEP 101/ECON 125) Course**

**Location:** 159 Mulford, Tuesday & Thursday 3:30-5:00 p.m.

**Professor:** David Zilberman , 337 Giannini Hall.  
Office Hours: Tues., 2:15-3:15 p.m.

**G.S.I.'s:** Jenny Ifft (email: [jiff@are.berkeley.edu](mailto:jiff@are.berkeley.edu)), 304 Giannini Hall.  
Office Hours: Mon., 4-5 p.m., Thurs., 2:15-3:15 p.m.  
Brian Gross (email: [gross@are.berkeley.edu](mailto:gross@are.berkeley.edu)), 303 Giannini Hall.  
Office Hours: Thurs., 1-3 p.m.

**Course website:** This course will use <https://bspace.berkeley.edu>.

### **Readings:**

There is no required textbook. The course readings and related readings will both be placed in a folder on bspace.

For supplementary readings, we recommend the following textbooks (on reserve in the Moffitt library):

Tietenberg, Tom, *Environmental and Natural Resource Economics*. Fifth Edition, Reading, Massachusetts: Addison Wesley Longman, Inc., 2000.

Carlson, Gerald A., David Zilberman, and John A. Miranowski, *Agricultural and Environmental Resource Economics*. New York: Oxford University Press, 1993.

### **Online Lectures:**

PowerPoint Presentations are posted to bspace (though subject to change), but please make sure to use these as note taking guides and not as replacements for lecture.

### **Grading:**

30% midterm, 50% final, and 20% problem sets\*.

Students may opt to submit a paper (see guideline and sample papers on bspace). In this case, grading is 66% classwork (the above) and 34% for the paper.

\* Please turn problem sets into the GSIs at the beginning of lecture on the given due date.

## Course Outline

Lecture #	Date	Title	Assignments
1	1/20	Introduction	Chapter 0 and Chapter 1
2	1/22	When is a Market Socially Optimal?	Chapter 2
3	1/27	Welfare Economics	Chapter 3
4	1/29	Negative Externalities	Chapter 4
5	2/3	Externality Policies	Chapter 5
6	2/5	Heterogeneity	Chapter 6
7	2/10	Property Rights	Chapter 6
8	2/12	Public Goods	Chapter 7 and Chapter 7b
9	2/17	Clubs & Congestion	Chapter 7 and Chapter 7b <i>PS # 1 Due</i>
10	2/19	Technology	Chapter 8
11	2/24	Technology	Chapter 8
12	2/26	Valuation	Chapter 9
13	3/3	Valuation	Chapter 9
14	3/5	Natural Resources	Chapter 10 <i>PS # 2 Due</i>
15	3/10	Natural Resources	Chapter 10
---	3/12	ZILBO REVIEW	
---	3/17	<b>MIDTERM</b>	
16	3/19	The Eight-fold Path	
---	3/24, 3/26	NO CLASS- SPRING BREAK!	
17	3/31	Environmental & International Economics	Chapter 12
18	4/2	Risk	Chapter 13
19	4/7	Payment for Environmental Services	Chapter 20 series
20	4/9	Payment for Environmental Services	Chapter 20 series

21	4/14	Climate Change	Chapter 14 and Chapter 14a <i>PS # 3 Due</i>
22	4/16	Climate Change	Chapter 14 and Chapter 14a
23	4/21	Water	Chapter 17 and Chapter 17a
24	4/23	Water	Chapter 17 and Chapter 17a
25	4/28	Pesticides	Chapter 18
26	4/30	Biotechnology	Chapter 19 <i>PS # 4 Due</i>
27	5/5	Biofuels	*Optional Papers Due
---	5/7	ZILBO REVIEW	