

SCHEDULE AND READING ASSIGNMENTS

This is an **approximate schedule** for the course. Readings listed should be read before that section so that you can include information and ideas from the readings in your contribution to class discussion.

Note: **CBA** is short for **Cost-Benefit Analysis** by Boardman, et al.; **Guidelines** is short for the **EPA Guidelines for Preparing Economic Analysis**; **Framework** is short for EPA's **A Framework for the Economic Assessment of Ecological Benefits**; **HSW** is short for the **Hanley, Shogren and White book** listed in the ADDITIONAL READINGS section and **OMB** is short for **Circular A-4**, .

DATE	TOPIC	READINGS/WRITING
9/2	Introduction	
9/7	Overview: Economics, Ecology and Environment (Choose topic for your BCA; prefer team or individual work)	CBA , Ch. 1; Roughgarden , "Guide to Diplomatic Relations with Economists;" Guidelines , Ch. 1-4. Framework Ch. 1. Supplemental: for concepts: Russell Ch. 1; for context: Lester, Ch. 1-3.
9/9	Requirements and Opportunities for BCA; The Policy Process and the Role of Economics (Drop/add period ends)	CBA , Ch. 2; Guidelines , Ch. 5; Framework Ch. 2 and Ch. 5, pp. 1-17. Supplemental: OMB , pp. 10; HSW, pp. 68-72; Russell, Ch. 2-3; Tietenberg, Ch 2 or Hanley and Spash, Ch. 1. WRITING: 1 page on case study topic.
9/14	Conceptual Foundations	CBA Ch. 3-5 (mostly review) Supplemental: Ready's on-line review.
9/16	The Importance of Baselines: soccer fields and wetlands Criticisms of BCA	Guidelines , pp. 21-26; Framework , section 6.1; Fisher , "Comment 1". Supplemental: Anderson and Settle, Ch. 1-2; Arnold, Ch. 1, pp. 103-111, 173-176.
9/21	Setting Up a BCA	Fisher et al. , pp. 1-35; Guidelines pp. 113-119; Framework , review Section 2. Supplemental: Arnold, Ch. 3; HSW, pp. 73-80; 86-89.
9/23	Analyzing Costs	Guidelines , Ch. 8. Supplemental: Arnold, Ch. 2.
9/28	Methods of Economic Analysis: Discounting	Guidelines , Ch. 6;. CBA , Ch. 6. Supplemental: HSW, pp. 81-82; Hanley and Spash, Ch. 9; Krutilla and Fisher, Ch. 3-4; Arnold, Ch. 9
9/30	Discounting (continued) (10/4-10/17 is final exam conflict filing period)	CBA , Ch. 10 (briefly); Framework , Section 7.2. Supplemental: OMB , pp. 31-37;
10/5	Uncertainty	Guidelines , pp. 27-30; Framework : Section 7.1; CBA , Ch. 7 Supplemental: OMB , pp. 38-42; HSW, pp. 79-80; Russell, pp. 64-66, Ch. 12, Ch. 13; Tietenberg, "Treatment of Risk" in Ch. 3.
10/7	Uncertainty and Attitudes about Risk	PRELIMINARY DRAFT DUE
10/12	Catch-up and review	
10/14	Test 1 (in class)	

10/19	Analyzing Benefits	Guidelines , pp. 59-73; Framework Sections 6.2, 6.3.1, 6.3.2; CBA , Ch 8 (briefly), 9. Supplemental: HSW, pp. 34-46; Russell Ch. 6; Smith and Desvousges, Ch. 3-4; Framework, Ch. 3-4.
10/21	Measuring Environmental/Resource Values (Direct Estimation) (Travel Cost/Random Utility Model)	Guidelines , pp. 73-74; Framework 6.3.3, 6.3.4; Fisher et al. , pp. 35-40; CBA , Ch 12 & pp. 344-351. Supplemental: OMB , pp. 18-22; HSW, pp. 55-59; Russell, pp. 115-159; Lesser et al., pp. 296-304; Hanley and Spash, Ch.5.
10/26	Measuring Environmental/Resource Values (Hedonic pricing)	Guidelines , pp. 75-79; Framework 6.3.5; Fisher et al. , p. 37; CBA , pp. 339-344. Supplemental: HSW, pp. 53-55; Lesser et al., pp. 276-282; Russell, pp. 144-150; Hanley and Spash, Ch. 4.
10/28	Measuring Environmental/Resource Values (Averting Behavior)	Guidelines , pp. 79-83 & 87-94; Kocagil, et al. , "The Value of Preventing Crypto Contamination," pp. 175-196; CBA , pp. 329-339, 352-354, 391-401. Supplemental: OMB , pp. 28-31; HSW, pp. 59-61; Russell, pp. 150-155.
11/2	Measuring Environmental/Resource Values (Contingent Valuation/Choice Experiments)	Guidelines , pp. 83-85; Framework 6.3.6, 6.3.7, 6.3.8; Fisher et al. , pp. 40-48; CBA , Ch 14. Supplemental: OMB , pp. 22-24; HSW, pp. 46-53; Russell, Ch. 8; Hanley, Wright and Adamowicz, "Using Choice Experiments to Value Environment." REVISED DRAFT DUE
11/4	CV/CE continued	
11/9	Benefit Transfer	Guidelines , pp. 81-100; Framework 6.3.9; CBA , pp. 401-412. Supplemental: OMB , pp. 24-27. PEER REVIEW DUE.
11/11	Distributional Concerns; Evaluating BCA for Env. & Resource Issues	Guidelines , Ch. 9-10; Framework 7.3. Farrow and Toman , "Using BCA to Improve Environmental Regulations," Environment , March 1999, pp. 12-15, 33-38 and "Commentary," pp. 4-5, 45. Supplemental: CBA , Ch. 18.
11/16	Alternative Approach: CEA	CBA , Ch. 17
11/18	BCA presentations (late drop deadline)	
11/23	BCA presentations	
11/25	Thanksgiving - NO CLASS	
11/30	BCA presentations	
12/2	BCA presentations	
12/7	How Accurate is CBA?	CBA , Ch. 19.
12/9	Review	FINAL REPORT/PORTFOLIO DUE
During 12/13-12/17	Final Exam, as set by University	

