

ECP3302: Environmental Economics and Resource Policy

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Office Hours:

Tuesdays	12:50pm-1:40pm	MAT 336	(Phillips)
Wednesdays	10:30am-11:20am	Zoom (link is on Canvas)	(Phillips)
Wednesdays	4:00pm-5:30pm	MAT 301A	(Zhu)
Thursdays	12:50pm-1:40pm	MAT 336	(Phillips)

Class Location: Matherly Hall 107

Class Meeting Time: Tuesday and Thursday, 1st and 2nd periods (Section 11871)
Tuesday and Thursday, 3rd and 4th periods (Section 26733)

Course Prerequisites: ECO 2023.

Note: Credit will not be awarded for both ECP 3302 and AEB 3450.

Course Textbook: None. Please see Canvas for reading materials.

Course Description:

This course introduces economic issues related to the environment and policies that can be used to address them. Topics covered in this course include (but are not limited to) the following: Externalities, Open Access Resources, Cost Benefit Analysis, Revealed Preferences, Stated Preferences, Social Choice, Economic Growth and the Environment, Net Present Value, Environmental Policy (including Standards, Fees, and Marketable permits), Law and the Environment.

Course Objectives: Students that successfully complete this course will be able to:

- (i) understand some of the major environmental regulations in the United States of America
- (ii) understand different valuation methods for environmental goods
- (iii) identify different types of goods and policies aimed at incentivizing their socially optimal use
- (iv) understand cost-benefit analysis of environmental projects
- (v) understand the economic implications of different types of environmental policies

Class Modality: This is a fully in-person course. Lectures will not be streamed nor recorded¹. All exams will take place in person, during our scheduled class times. The course does not have a final exam, but it does have a research paper and presentation at the end of the term.

Grading: The course grade is determined by your performance on two 100-minute exams (37.5% each), a research proposal and paper (20%), and a research paper presentation (5%), following the scale below:

Grade		Grade Points
93.4-100	A	4.00
90.0-93.3	A-	3.67
86.7-89.9	B+	3.33
83.4-86.6	B	3.00
80.0-83.3	B-	2.67
76.7-79.9	C+	2.33
73.4-76.6	C	2.00
70.0-73.3	C-	1.67
66.7-69.9	D+	1.33
63.4-66.6	D	1.00
60.0-63.3	D-	0.67
0.00-63.2	E	0.00

The scale listed above is firm. Final course grades will not be rounded.

Make-up assignments and exams will be arranged *only* for absences that are explicitly covered by the [UF Attendance Policy](#). Whenever possible, you should reach out at least five business days in advance to arrange a make-up assignment or exam. Of course, this will not always be possible. Unforeseen absences and emergencies occur and can be excused without such advance notice. In most cases, you will be asked to provide evidence or documentation of an absence that is explicitly excused by the [UF Attendance Policy](#). Absences related to religious holidays and worship do not require this documentation but must be given ahead of time if the holiday date is known ahead of time.

The above grading policies are consistent with UF policies regarding grade determination. This information can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>

Exams: There are two exams in this course. These closed-book, closed-note exams will take place in our regularly assigned classroom. You may use a basic four-function calculator. Graphing calculators are not permitted. Partial credit will be given for partially correct answers. For questions involving math/graphs, points will be deducted if a student has the correct answer but does not show how they arrived at that answer. If a student arrives 20 minutes or more late to an exam, they will receive a grade of 0 on that exam. Please plan accordingly. Note: We have one asynchronous virtual lecture on Thanksgiving week with a quiz. That quiz is part of Exam 2 (worth 3% of your grade).

¹ The only scheduled exception to this is we will have an asynchronous virtual lecture on Thanksgiving week. This lecture and the work accompanying it is mandatory and part of your Exam 2 grade.

Research paper: Students will submit a research paper. The paper can be written individually or in groups of up to 4 students. If you work on a group, you are required to submit a document highlighting each student's contribution². If a student does not contribute to a paper, they can be expelled from the group up to 5 days before the assignment is due. The research paper must be submitted via Canvas. There's a 15-point penalty for each day that you are late submitting your paper. Late assignments relating to the research paper (even a few minutes late) will only be accepted if you have an excused absence and are subject to the make up policy stated above. In the case of expected absences, arrangements should be made at least five days in advance. Importantly, this policy means that you must arrive to class on time whenever your oral paper presentation takes place. Instructions on how to complete the proposal, paper, and presentation are posted on Canvas. Important: Uploading the wrong document to Canvas (including blank documents) is a preventable mistake. Always download papers and proposals submitted via Canvas to make sure you uploaded the correct document. I will not allow students to resubmit a paper to Canvas because they uploaded an incorrect file or a file that can't be opened. Your paper presentation score is based on your scheduled oral presentation and on attending and asking questions during your classmates' presentations.

Practice homework: Our Canvas course contains several practice homework you should complete. I have posted the homework individually and with answers. While I do not collect nor grade these practice homework, you should always complete them prior to the exam review. Historically, students who complete all of the posted homework are the students who perform the best in the class. You are encouraged to work with your classmates while completing these assignments. Working together can facilitate deeper learning of the course material and more efficient completion of the assignment itself. If you have trouble understanding any of the homework problems, please ask about them during class (there is a session dedicated to working on the homework) or attend office hours.

Professionalism and Honor Code: Students are bound to not cheat or plagiarize, and are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: 'On my honor, I have neither given nor received unauthorized aid in doing this assignment.'"

You should familiarize yourself with the [UF Student Honor Code](#). Cheating and plagiarism are not the only violations of this policy. Importantly, ignorance of a policy is not a valid reason for violating it.

Students Requiring Accommodations: Students with disabilities requesting accommodations should first register with the Disabilities Resource Center (392-8565; <https://disability.ufl.edu/>), providing appropriate documentation. Once registered, students will receive an accommodation letter that can be presented to the instructor when requesting accommodations. *Please register at the beginning of the course if seeking accommodations.* My office is not quiet because it is next to advising. For this reason, I provide disability accommodations through the DRC. Getting a

² You can either add a header to each student's section or submit a Google doc file that tracks each person's contribution to your paper.

room at the DRC is the way to get accommodations for this class and the rules require reservations to be made at least 5 business days in advance. It is the student's responsibility to follow these rules to be able to use the DRC for exams and receive accommodations for this class.

Course Evaluation: Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via ufl.bluera.com/ufl/.

UF Teaching Center: The UF Teaching Center offers guidance on study skills and tutoring services. You can find more information at: <https://umatter.ufl.edu/office/teaching-center/>.

Health Counseling, Emergencies, Services:

U Matter, We Care: If you or a friend is in distress, please contact umatter@ufl.edu or 352 392-1575 so that a team member can reach out to the student.

Counseling and Wellness Center: <http://www.counseling.ufl.edu/cwc>, and 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.

Sexual Assault Recovery Services (SARS): Student Health Care Center, 392-1161.

University Police Department at 392-1111 (or 9-1-1 for emergencies), or <http://www.police.ufl.edu/>.

UF Food Pantry: For students experiencing food insecurity.
<https://pantry.fieldandfork.ufl.edu/>

Extended Absences:

If you are out sick for a substantial period of time, and it is unlikely that you can reasonably get caught up in class, you can pursue a medical withdrawal by contacting the UF Care Team (<https://care.dso.ufl.edu/>). I generally recommend this route when a student misses 2+ weeks and when a student misses their make-up exam (in addition to their scheduled exam).

Recording of class:

Students are allowed to record video or audio of class lectures. However, the purposes for which these recordings may be used are strictly controlled. The only allowable purposes are (1) for personal educational use, (2) in connection with a complaint to the university, or (3) as evidence in, or in preparation for, a criminal or civil proceeding. All other purposes are prohibited. Specifically, students may not publish recorded lectures without the written consent of the instructor.

A "class lecture" is an educational presentation intended to inform or teach enrolled students about a particular subject, including any instructor-led discussions that form part of the presentation, and delivered by any instructor hired or appointed by the University, or by a guest instructor, as part of a University of Florida course. A class lecture does not include lab sessions, student presentations, clinical presentations such as patient history, academic exercises involving solely student participation, assessments (quizzes, tests, exams), field trips, private conversations between students in the class or between a student and the faculty or lecturer during a class session.

Publication without permission of the instructor is prohibited. To "publish" means to share, transmit, circulate, distribute, or provide access to a recording, regardless of format or medium, to another person (or persons), including but not limited to another student within the same class section. Additionally, a recording, or transcript of a recording, is considered published if it is posted on or uploaded to, in whole or in part, any media platform, including but not limited to social media, book, magazine, newspaper, leaflet, or third party note/tutoring services. A student who publishes a recording without written consent may be subject to a civil cause of action instituted by a person injured by the publication and/or discipline under UF Regulation 4.040 Student Honor Code and Student Conduct Code.

If I make any changes to the syllabus, I will announce them via email and will list each change here: This is syllabus version 1.0.

Course Schedule

Note: The pace of the course will vary depending on several factors, so some topics may be covered a little earlier or later than listed. **However, the Exam and Research Paper due dates won't change unless there are extenuating circumstances (example: hurricane).**

L1	Th Aug 25	Syllabus, Calculus Review
L2	Tu Aug 30	Environmental Law
L3	Th Sept 1	Revealed Preferences
L4	Tu Sept 6	Revealed Preferences
L5	Th Sept 8	Homework Practice, Class time for Research Proposal Work
L6	Tu Sept 13	Stated Preferences, Social Choice, RESEARCH PROPOSAL DUE
L7	Th Sept 15	Social Choice
L8	Tu Sept 20	Social Choice
L9	Th Sept 22	Externalities, Types of Goods

L10	Tu Sept 27	Homework Practice, Class time for Research Paper Work
L11	Th Sept 29	Case Studies
L12	Tu Oct 4	Exam 1 Review
L13	Th Oct 6	Extra Credit Activity, In-Class Office Hours for Exam 1
L14	Tu Oct 11	EXAM 1
L15	Th Oct 13	Correcting Market Failures
L16	Tu Oct 18	Public Goods, Private Markets and the Environment
L 17	Th Oct 20	Coase Theorem, Government Policy
L 18	Tu Oct 25	Government Policy
L 19	Th Oct 27	Economic Growth, Enforcement and Political Economy
L 20	Tu Nov 1	Voluntary Actions, Class time for research paper work
L 21	Th Nov 3	Exam 2 Review, In-Class Office Hours for Exam 2
L 22	Tu Nov 8	EXAM 2
L 23	Th Nov 10	Extra Credit Activity for Exam 2, Class time for research paper work
L 24	Tu Nov 15	RESEARCH PAPER DUE
L 25	Th Nov 17	Student Presentations Day 1³
L 26	Tu Nov 22	Virtual Lecture (Asynchronous) and Quiz ⁴
L27	Th Nov 24	HOLIDAY
L28	Tu Nov 29	Student Presentations Day 2
L29	Th Dec 1	End of Course Evaluation, Student Presentations Day 3
L30	Tu Dec 6	Student Presentations Day 4

³ Your presentation grade for all Student Presentation dates is based on presenting and attending your classmate's presentations/asking questions.

⁴ This "Quiz" is part of your exam 2 grade. It is submitted on Canvas.