

**Syllabus: Fall 2025**  
**ECP 3302: Introduction to Environmental Economics (Online)**  
**EVR 3723: Natural Resource Valuation and Economics (Online)**

**GENERAL INFORMATION**

<b>Instructor:</b> Dr. Pallab Mozumder	<b>Phone:</b> (305) 348 - 7146
<b>Office:</b> AHC5-370	<b>E-mail:</b> <a href="mailto:mozumder@fiu.edu">mozumder@fiu.edu</a>
<b>Office Hours:</b> Tu 12 pm - 1 pm (via zoom)	Please use Canvas Course Mail for all course related communications 48 hours response time (Excluding weekends)

**COURSE DESCRIPTION**

Our society faces increasing challenges in sustainably managing environmental and natural resources. Policy making at various levels has become more contentious when it comes to dealing with the environment. Economics offers diverse insights in efficiently managing scarce resources. This course is designed to familiarize students with economics tools and techniques that are used in managing environmental and natural resources. The class will help you to understand the economic and social justifications for various environmental policy approaches made at different levels.

**COURSE OBJECTIVES**

Students will be able to:

- Identify the applications of economic principles in managing natural resources and the environment;
- Analyze and assess specify the competing demands for our limited natural resources and trace the need for best management practices for allocating, managing, and protecting the environment;
- Critically evaluate diverse policy measures influencing environmental and natural resource management.

**COURSE PREREQUISITES**

You need to have an introductory microeconomics course (ECO 3021: Economics and Society-Micro, or ECO 2021: Micro Principles, or an equivalent course) as a prerequisite in order to take this class.

For information about prerequisites, [click here](#).

**This online section does not require an on-campus meeting and/or exam.**

## TEXTBOOK

Economics and the Environment (9th Ed)

Eban S. Goodstein and Stephen Polasky

Wiley (2020)

ISBN: 978-1-119-36986-8

Click here to buy your textbook online at the FIU Bookstore.

The course will cover materials primarily from the textbook listed above. However, additional materials will be covered and assigned throughout the semester. Keeping up with these materials and completing reading assignments in time are crucial for successfully completing this course.

## EXPECTATION OF THIS COURSE

**Students are expected to:**

- **Review the Start Here folder** located in the course content.
- **Review the Policies Page** as is important to the quality of your education.
- **Introduce yourself to the class** during the first week by posting a self-introduction in the appropriate discussion forum under the Start Here folder.
- **Take the practice quiz** under the Start Here folder to ensure that your computer is compatible with Blackboard
- **Interact** online with instructors and peers and keep up with all assignments.
- **Review** and follow the course calendar

## GRADING

Course Requirements	Points
Quiz (50 pts each x 2 quizzes)	100
Homework (50 pts each x 2 home-works)	100

Film Review Assignment	50
Exams (100 pts each x 2 midterms and 1 final)	300
Term Paper	100
Audio Visual Presentation of the Term Paper Project and Peer Feedback on the Presentation	50
<b>Total</b>	<b>700</b>

Letter Grade	Range	Letter Grade	Range	Letter Grade	Range
A	95 or above	B	83 - 86	C	70 - 76
A-	90 - 94	B-	80 - 82	D	60 - 69
B+	87 - 89	C+	77 - 79	F	59 or less

## DISCUSSION

Keep in mind that forum discussions are public, and care should be taken when determining what to post. If you need to send a private message to an instructor or student, please use email. Instructor will review discussion forums and reply to students as needed.

## QUIZZES

There are three exams as follows: two mid-terms (20% each) and a cumulative final (20%).

## ASSIGNMENTS

There is one assigned term paper, worth 20% of the grade.

Homework and other assignments (20% of grade) are subject to penalty if they are not turned in on time. Completing these assignments on time is very important for a good understanding of the material covered. There could be additional assignments for extra credit.

## ADOBE CONNECT PRO MEETING

The Adobe Connect Pro Meeting is an online meeting room in which you can interact with your instructor and fellow students by sharing your computer, screens or files, chat, broadcast live audio and take part in other interactive online activities. Your Adobe Connect Pro Meeting room will be located within your online course in the course content section.

### Requirements for using Adobe Connect Pro Meeting:

1. Disable any window pop-up blocker.
2. [Adobe Flash Player 9 or higher](#)
3. If you are sharing your screen or uploading content to the meeting room then you need to install the Adobe Acrobat Connect Add-in for [Windows](#) or [Macintosh](#).
4. You can [test your computer](#) to make sure that you are set up with all of the tools you will need to participate in the meeting.

Please [click here](#) to help you get started with Adobe Connect Pro Meeting.

## COURSE CALENDAR

Week	Materials Covered/ Events	Readings
Week 1  Aug 25 –Aug 29  <u>Aug 31: last day to add/drop the course</u>	Four Economic Questions about Climate Change  Ethics and Economics	Ch 1  Ch 2
Week 2  Sept 1 – Sept 5  Sept 1 (Mon) is the Labor Day Holiday (University closed)	Pollution and Resource Degradation as Externalities  <b>Guidelines for Term Paper will be posted.</b>  The Efficiency Standard	Ch 3  Ch 4
Week 3  Sept 8 – Sept 12	Measuring the Benefits of Environmental Protection  <b>Quiz 1 due Sept 12</b>  Measuring the Costs of Environmental Protection	Ch 5  Ch 6

<p>Week 4</p> <p>Sept 15 – Sept 19</p>	<p>The Safety Standard</p> <p><b>Homework 1 due Sept 19</b></p> <p><b>Review Materials for Midterm-I will be posted.</b></p> <p>The Sustainability Standard</p>	<p>Ch 7</p> <p>Ch 8</p>
<p>Week 5</p> <p>Sept 22 – Sept 26</p>	<p><b>Measuring Sustainability</b></p> <p><b>Exam I (Sept 25-26, 2 hours maximum)</b></p>	<p>Ch 9</p>
<p>Week 6</p> <p>Sept 29 – Oct 3</p>	<p>Natural Resource and Ecosystem Services</p> <p>Is More Really Better? Consumption and Welfare</p> <p><b>Quiz 2 due Oct 3</b></p>	<p>Ch 10</p> <p>Ch 11</p>
<p>Week 7</p> <p>Oct 6 – Oct 10</p>	<p>The Political Economy of Environmental Regulation</p> <p><b>Homework 2 due Oct 10</b></p> <p>An Overview of Environmental Regulation</p>	<p>Ch 12</p> <p>Ch 13</p>
<p>Week 8</p> <p>Oct 13 – Oct 17</p>	<p>The Regulatory Record: Achievements and Obstacles</p> <p><b>Review Materials for Midterm 2 will be posted.</b></p> <p>Incentive-Based Regulation: Theory</p>	<p>Ch 14</p> <p>Ch 15</p>

Week 9  Oct 20 – Oct 24	Incentive-Based Regulation: Practice  <b>Exam II (Oct 23-24, 2 hours maximum)</b>	Ch 16
Week 10  Oct 27 – Oct 31	Promoting Clean Technology: Theory  <b>Film Review Assignment due Oct 31</b>	Ch 17
Week 11  Nov 3 – Nov 7  Nov 3 (last day to drop it with a DR Grade)	Energy Policy and the Future  <b>Discussion on Term Paper Project</b>	Ch 18
Week 12  Nov 10 – Nov 14  Nov 11 (Mon) is the Veterans Day Holiday (University closed)	Poverty, Population, and the Environment  <b>Term Paper Project Report due Nov 14</b>	Ch 19
Week 13  Nov 17 - Nov 21	Environmental Policy in Low-income Countries  <b>Video Presentation on Term Paper Project due Nov 21</b>	Ch 20
Week 14  Nov 24 - Nov 28  November 26-28 is Thanksgiving Holiday (University is Closed)	The Economics of the Global Agreements  <b>Review Materials for Final will be posted</b>	Ch 21
Week 15  Dec 1 – Dec 5	<b>Peer Feedback on Term Paper Video Presentation (due Dec 1)</b> <b>Extra Credit Assignment due Dec 5</b>	
<b>Final Week</b>  Week 16  Dec 8 - Dec 12	<b>Cumulative Final (Dec 11-12, 2 hours maximum)</b>	<b>Final Exam</b>