

**Syllabus: Spring 2023**  
**ECP 3302: Introduction to Environmental Economics (Online)**  
**EVR 3723: Natural Resource Valuation and Economics (Online)**

**GENERAL INFORMATION**

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<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 (Online)	Please use Canvas Course Mail for all course related communications 48 hour 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 instructor/s 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 (25%).

## ASSIGNMENTS

There is one assigned term paper, worth 15% 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 Jan 9–Jan 13	Four Economic Questions about Climate Change  Ethics and Economics	Ch 1  Ch 2
Week 2 Jan 16- Jan 20  Jan 16 (No class; Martin Luther King Day)  Jan 17, 2022 (Last Day to Add/Drop)	Pollution and Resource Degradation as Externalities  <b>Guidelines for Term Paper will be posted</b>  The Efficiency Standard	Ch 3   Ch 4
Week 3 Jan 23–Jan 27	Measuring the Benefits of Environmental Protection  <b>Quiz 1 due Jan 27</b>  Measuring the Costs of Environmental Protection	Ch 5   Ch 6

<p>Week 4 Jan 30 – Feb 3</p>	<p>The Safety Standard</p> <p><b>Homework 1 due Feb 3</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 Feb 6– Feb 10</p>	<p><b>Measuring Sustainability</b></p> <p><b>Exam I (Feb 9-10, 2 hours maximum)</b></p>	<p>Ch 9</p>
<p>Week 6 Feb 13–Feb 17</p>	<p>Natural Resource and Ecosystem Services</p> <p>Is More Really Better? Consumption and Welfare</p> <p><b>Quiz 2 due Feb 17</b></p>	<p>Ch 10</p> <p>Ch 11</p>
<p>Week 7 Feb 20 –Feb 24</p>	<p>The Political Economy of Environmental Regulation</p> <p><b>Homework 2 due Feb 24</b></p> <p>An Overview of Environmental Regulation</p>	<p>Ch 12</p> <p>Ch 13</p>
<p>Week 8 Feb 27 –March 3</p>	<p><b>Spring Break (No Classes, Feb 27-Mar 3)</b></p>	
<p>Week 9 Mar 6 – Mar 10</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 10 Mar 13 – Mar 17	<b>Exam II (Mar 16-17, 2 hours maximum)</b> Incentive-Based Regulation: Practice	Ch 16
Week 11 Mar 20 – Mar 24 Mar 20 (Last Day to Drop with a DR Grade)	Promoting Clean Technology: Theory <b>Film Review Assignment due Mar 24</b> Energy Policy and the Future	Ch 17 Ch 18
Week 12 Mar 27 – Mar 31	<b>Discussion on Term Paper Project</b> Poverty, Population, and the Environment <b>Extra Credit Assignment due Mar 31</b>	Ch 19
Week 13 Apr 3 – Apr 7	Environmental Policy in Low-income Countries <b>Term Paper Project Report due Apr 7</b>	Ch 20
Week 14 Apr 10 – Apr 14	<b>Review Materials for Final will be posted</b> <b>Video Presentation on Term Paper Project due Apr 14</b>	
Week 15 Apr 17 – Apr 21	The Economics of the Global Agreements <b>Peer Feedback on Term Paper Video Presentation (due Apr 21)</b>	Ch 21
<b>Final Week</b> Week 16 Apr 24 – Apr 28	<b>Cumulative Final (Apr 27-28, 2 hours maximum)</b>	