# Syllabus: Fall 2024

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

GENERAL INFORMATION

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| **Instructor:** Dr. Pallab Mozumder | **Phone:** (305) 348 - 7146 |
| **Office:** AHC5-370 | **E-mail:** [mozumder@fiu.edu](mailto:mozumder@fiu.edu)  Please use Canvas Course Mail for all course related communications  48 hours response time (Excluding weekends) |
| **Office** Tu 12 pm - 1 pm (via zoom)  **Hours:** |

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.](http://catalog.fiu.edu/coursesearch/index.php)

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

TEXTBOOK

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| Economics and the Environment (9th Ed) Eban S. Goodstein and Stephen Polasky Wiley (2020)  ISBN: 978-1-119-36986-8  [Click here](http://fiu.bncollege.com/) 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

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

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| 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 |
| **Total** | **700** |

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| 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](http://get.adobe.com/flashplayer/)
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](http://connectpro41784253.acrobat.com/common/addin/setup.exe) or [Macintosh.](http://connectpro41784253.acrobat.com/common/addin/AcrobatConnectAddin.z)
4. You can [test your computer](http://connectpro41784253.acrobat.com/common/help/en/support/meeting_test.htm) to make sure that you are set up with all of the tools you will need to participate in the meeting.

Please [click here](http://online.fiu.edu/faculty/developmentaltools/courseenhancement/adobeconnectpro) to help you get started with Adobe Connect Pro Meeting.

COURSE CALENDAR

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| Week | Materials Covered/ Events | Readings |
| Week 1  Aug 26 –Aug 30 | Four Economic Questions about Climate Change  Ethics and Economics | Ch 1  Ch 2 |
| Week 2  Sept 2 – Sept 6  Sept 2 (Mon) is the Labor Day Holiday (University closed)  Sept 3 is the last day to add/drop the course | Pollution and Resource Degradation as Externalities  **Guidelines for Term Paper will be posted.**  The Efficiency Standard | Ch 3  Ch 4 |
| Week 3  Sept 9 – Sept 13 | Measuring the Benefits of Environmental Protection  **Quiz 1 due Sept 13**  Measuring the Costs of Environmental Protection | Ch 5  Ch 6 |

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| Week 4  Sept 16 – Sept 20 | The Safety Standard  **Homework 1 due Sept 20**  **Review Materials for Midterm-I will be posted.**  The Sustainability Standard | Ch 7  Ch 8 |
| Week 5  Sept 23 – Sept 27 | **Measuring Sustainability**  **Exam I (Sept 26-27, 2 hours maximum)** | Ch 9 |
| Week 6  Sept 30 – Oct 4 | Natural Resource and Ecosystem Services  Is More Really Better? Consumption and Welfare  **Quiz 2 due Oct 4** | Ch 10  Ch 11 |
| Week 7  Oct 7 – Oct 11 | The Political Economy of Environmental Regulation  **Homework 2 due Oct 11**  An Overview of Environmental Regulation | Ch 12  Ch 13 |
| Week 8  Oct 14 – Oct 18 | The Regulatory Record: Achievements and Obstacles  **Review Materials for Midterm 2 will be posted.**  Incentive-Based Regulation: Theory | Ch 14    Ch 15 |

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| Week 9  Oct 21 – Oct 25 | Incentive-Based Regulation: Practice  **Exam II (Oct 24-25, 2 hours maximum)** | Ch 16 |
| Week 10  Oct 28 – Nov 1 | Promoting Clean Technology: Theory  **Film Review Assignment due Nov 1** | Ch 17 |
| Week 11  Nov 4 – Nov 8  Nov 4 (last day to drop it with a DR Grade) | Energy Policy and the Future  **Discussion on Term Paper Project** | Ch 18 |
| Week 12  Nov 11 – Nov 15  Nov 11 (Mon) is the Veterans Day Holiday (University closed) | Poverty, Population, and the Environment  **Term Paper Project Report due Nov 15** | Ch 19 |
| Week 13  Nov 18 - Nov 22 | Environmental Policy in Low-income Countries  **Video Presentation on Term Paper Project due Nov 22** | Ch 20 |
| Week 14  Nov 25 - Nov 29  November 28 & 29 is Thanksgiving Holiday (University is Closed) | The Economics of the Global Agreements  **Review Materials for Final will be posted** | Ch 21 |
| Week 15  Dec 2 – Dec 6 | **Peer Feedback on Term Paper Video Presentation (due Dec 2)**  **Extra Credit Assignment due Dec 6** |  |
| **Final Week**  Week 16  Dec 9 - Dec 13 | **Cumulative Final (Dec 12-13, 2 hours maximum)** | **Final Exam** |

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