

0201E322

Environmental Economics

Instructor: TBA

Time: May 18, 2026 - June 19, 2026

Office Hours: by appointment

Contact Hours: 60 (50 minutes each)

Credits: 4

E-mail: TBA

Course Description

This course examines the economic principles underlying environmental regulation and explores the effectiveness of different policy approaches to pollution control, resource management, and sustainability. We will analyze the political economy of environmental regulation, compare command-and-control versus incentive-based policies, and evaluate real-world applications of environmental laws and market-based mechanisms.

Prerequisites

0201E317 Mathematics for Economics I, 0701M110 Calculus I, and 0201E350 Intermediate Microeconomics

Required Textbook(s)

Reading materials will be provided by the course instructor.

Course Schedule

Week 1

Course Introduction

Ethics and Economics (Chapter 2)

Pollution and Resource Degradation as Externalities (Chapter 3)

Quiz #1

Week 2

The Efficiency Standard (Chapter 4)

Measuring the Benefits of Environmental Protection (Chapter 5)

Measuring the Costs of Environmental Protection (Chapter 6)

Quiz #2

Week 3

The Safety Standard (Chapter 7)

The Sustainability Standard (Chapter 8)

Measuring Sustainability (Chapter 9)

Exam #1

Week 4

The Political Economy of Environmental Regulation (Chapter 12)

An Overview of Environmental Legislation (Chapter 13)

The Regulatory Record: Achievements and Obstacles (Chapter 14)

Quiz #3

Week 5

Incentive-Based Regulation: Theory (Chapter 15)

Incentive-Based Regulation: Practice (Chapter 16)

Energy Policy and the Future (Chapter 18)

Exam #2

Grading Policy

Quizzes (*3)	30%
Exam #1	30%
Exam #2	30%
<u>Participation</u>	10%
Total	100%

Grading Scale

The instructor will use the grading system as applied by JNU:

Definition	Letter Grade	Score
Excellent	A	90~100
Good	B	80~89
Satisfactory	C	70~79
Poor	D	60~69
Failed	E	Below 60

Academic Integrity

As members of the Jinan University academic community, students are expected to be honest in all of their academic coursework and activities. Academic dishonesty, includes (but is not limited to) cheating on assignments or examinations; plagiarizing, i.e., misrepresenting as one's own work any work done by another; submitting the same paper, or a substantially similar paper, to meet the requirements of more than one course without the approval and consent of the instructors concerned; or sabotaging other students' work within these general definitions. Instructors, however, determine what constitutes academic misconduct in the courses they teach. Students found guilty of academic misconduct in any portion of the academic work face penalties that range from the lowering of their course grade to awarding a grade of E.