

Environmental Economics I

Syllabus Number 8B311

Major Course: Basic

Elective 2 credit

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1. Course Description

In this class, students study the economic approach for solutions of environmental problems through the basic theory of environmental economics and study how environmental problems are considered in economics.

2. Course Objectives

In this class, the objectives are to understand the mechanism of environmental problems and students will be able to explain the causes. And students understand the basic theory of environmental economics, will be able to explain how to approach the environmental problems.

3. Grading Policy

Evaluated according to the results of the exams and approach to the class

4. Textbook and Reference

Reference

Geoffrey Heal, translator Hosoda E., Onuma A., and Akao K. Nature and the Marketplace

Toyokeizaishinposya

Kuriyama K., and Manaki S. Environmental Economics 3rd edition Yuhikaku

5. Requirements(Assignments)

Preparation and review

6. Note

7. Schedule

- [1] Guidance
- [2] Pollution and environmental problems
- [3] Environmental problems and economics
- [4] Environmental policy
- [5] Environmental pollution and externalities
- [6] Social cost
- [7] Environmental regulations and technology development
- [8] Public goods and commons
- [9] System of integrated environmental and economic accounting
- [10] Coase's theorem
- [11] Environmental value 1
- [12] Environmental value 2
- [13] Sustainable development and SDGs
- [14] Non-renewable resources and renewable resources
- [15] Summary