

# Environmental Economics II

Syllabus Number 8C305

Major Course: Basic

Elective 2 credit

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## 1. Course Description

In this class, students study the cause of environmental problems and the economic approach in order to solve the problems. And study waste industry, recycle industry, energy industry, and natural disasters.

## 2. Course Objectives

In this class, the objectives are to understand the basic theory of environmental economics, to be able to explain how to solve the environmental problems. Further objectives are that students study the approach for environmental problems by companies and governments and will be able to explain their approach's effects.

## 3. Grading Policy

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

## 4. Textbook and Reference

Reference

Kuriyama K., and Manaki S. Environmental Economics 4th edition Yuhikaku

## 5. Requirements(Assignments)

Preparation and review

## 6. Note

## 7. Schedule

- [1] Guidance
- [2] Global warming countermeasures
- [3] Local environmental problems and the countermeasures
- [4] Companies and environmental risks
- [5] Environmental management by companies
- [6] Pollution and cost
- [7] Emission trading
- [8] Decarbonized society
- [9] Nature conservation and ecosystem protection
- [10] Waste industry and environmental policies
- [11] Recycle industry and environmental policies
- [12] Environmental policies in transportation
- [13] Energy economics
- [14] Disaster economics
- [15] Summary and exam