



Environmental Economics

Module Code: ECU33154

Module Name: Environmental Economics

- **ECTS Weighting:** 5
- **Semester/Term Taught:** Semester 2
- **Contact Hours:** 22 hours of lectures and 4 hours of tutorials
- **Module Personnel:** Lecturer: Prof. Gustav Fredriksson

Module Learning Aims

In this module, students learn how to analyse environmental issues from the perspective of economics. The module introduces theoretical concepts in economics and applies these to environmental problems such as climate change. The module also covers environmental policies and provides students with a basic understanding of the modelling frameworks that are used for environmental policy analysis.

Module Learning Outcomes

Students successfully completing the course should be able to:

- Analyse real-world environmental issues using economic tools
- Compare various environmental policies in terms of economic impacts
- Explain how international actions on environmental problems look like in practice
- Apply cost-benefit analysis to environmental issues
- Have a basic understanding of the various types of models used for economic analysis of environmental policies



Module Content

The module covers economic concepts that can be applied to environmental challenges and policies. Specific topics include:

- Market failures and public goods
- The Coase theorem
- Cost-benefit analysis
- Environmental policy instruments
- Economic efficiency
- Distributional effects
- Types of environmental-economic models
- International agreements on environmental issues

Recommended Reading List

A detailed reading list will be made available prior to the start of the module.

Module Pre-Requisite

ECU22011, ECU11012 and ECU22031, ECU22032

Module Co-Requisite

There are no module co-requisites.

Assessment Details

- 80% Exam
- 20% Assessment

Module Website

The course material will be published on Blackboard.