

ECU33154 — Environmental Economics

Module Information	
Module Code	ECU33154
Module Title	Environmental Economics
Department	Economics
Year Group	Junior Sophister
Module Personnel	Prof. Gustav Fredriksson
Academic Year	2026-27
Credit Weighting	5 credits
Semester	Semester 2
Contact Hours	22 hours of lectures and 4 hours of tutorials

Module Content	
Module Description	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
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.
Learning Outcomes	Students successfully completing the course should be able to: - Analyse real-world environmental issues using economic tools

Module Content

- 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

Assessment

Assessment Components

Assessment 20%; Exam 80%

Additional Information

Prerequisites

ECU22011, ECU11012 and ECU22031, ECU22032

Co-requisites

None