



Course syllabus

School of Business and Economics

Department of Economics and Statistics

2NA063 Miljö- och resurshushållning, 7,5 högskolepoäng

2NA063 Environmental Economics and Resource Allocation, 7.5 credits

Main field of study

Economics

Subject Group

Economics

Level of classification

First Level

Progression

G2F

Date of Ratification

Approved 2017-04-19

Revised 2022-03-07 by School of Business and Economics. Update of standard texts. The course syllabus is valid from autumn semester 2022

Prerequisites

Economics 60 credits, including Intermediate microeconomics 7.5 credits, Intermediate macroeconomics 7.5 hp and Mathematical economics 7.5 credits and English 6, or the equivalent.

Objectives

After completing this course the student should be able to:

- explain and critically evaluate different fundamental approaches to defining, analysing and solving environmental economic problems
- explain and critically reflect on theoretical core concepts and remedies relevant for addressing environmental issues
- apply theoretical knowledge to analyse and propose solutions for selected environmental issues and discuss the pros and cons of the proposals

Content

The course contains:

- fundamental ethical, philosophical and economic issues relevant for the

discussion of environmental problems

- core concepts such as market failure, externalities, public goods, efficiency (technical and allocative), property rights, incentives and strategic issues (game theory), asymmetric information, risk and uncertainty, irreversible decisions, sustainability, valuation of resources, cost-benefit-analysis, preferences and behavior
- remedies for environmental problems such as regulation (market- and non-market-based), property rights, markets, behavioural nudges
- application of theoretical concepts to select environmental resources and issues
- different views within the scientific community as well as the different measures proposed for addressing environmental problems

Type of Instruction

The teaching consists of lectures and seminars.

Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.

The course is examined through a written examination (6 credits) and a written paper that are presented during seminar (1.5 credits).

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail. Grading criteria for the A–F scale are communicated in writing to the student by the start of the course at the latest, as well as how the weighting and weighting of grades on individual examining elements to the final course grade takes place. The basis for the student's grade is determined by the student's fulfillment of the objectives.

Repeat examination is offered in accordance with Local regulations for courses and examination at the first and second-cycle level at Linnaeus University. An examiner can, in exceptional cases, decide that a student who is close to the level for a passing grade may carry out supplementary assignments in order to reach the passing grade.

If the university has decided that a student is entitled to special pedagogical support due to a disability, the examiner has the right to give a customised exam or to have the student conduct the exam in an alternative way.

Course Evaluation

During the implementation of the course or in close conjunction with the course, a course evaluation is to be carried out. Results and analysis of the course evaluation are to be promptly presented as feedback to the students who have completed the course. Students who participate during the next course instance receive feedback at the start of the course. The course evaluation is to be carried out anonymously.

Credit Overlap

The course cannot be included in a degree along with the following course/courses of which the content fully, or partly, corresponds to the content of this course: 2NA008 with 7.5 credits.

Required Reading and Additional Study Material

Required reading

Söderbaum, P. (2000). *Ecological economics*. Earthscan. London. 152 pages.

Tietenberg, T. & Lewis, L. *Environmental and Natural Resource Economics*. Addison Wesley. Latest edition. About 595 pages.

Scientific articles. About 100 pages.