



Course syllabus

School of Business and Economics
Department of Economics and Statistics

2NA063 Miljö- och resurshushållning, 7,5 högskolepoäng
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 2017-11-29 by School of Business and Economics. Literature rev.

The course syllabus is valid from autumn semester 2018

Prerequisites

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

Objectives

The student is expected to 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. Obligatory parts are stated in the schedule.

Examination

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

The course is examined by a written exam and through active participation in seminar, including writing and presentation of a paper.

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.

After each regular examination there will be at least one new examination in close proximity to the date the results of the regular exam were posted. A minimum of five occasions for written exams will be offered in relation to the syllabus to which the student was accepted. Usually three occasions per academic year are offered. Students that fail reports can complement after instructions from the examiner to obtain a pass grade.

Grading criteria for the A–F scale are communicated in writing to the student by the start of the course/module at the latest, as well as how grades on separate elements of examination are weighed to a final course grade.

Course Evaluation

During the implementation of the course or in close connection to the course a course evaluation is to be carried out. Result and analysis of the course evaluation is to be presented as feedback both to the students who have completed the course and to the students who are to participate on the course the next time it is offered. The course evaluation is to be carried out anonymously.

Credit Overlap

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