



## Course syllabus

Faculty Board of Business, Economics and Design

School of Business and Economics

2NA008 Miljö- och resurshushållning, 7,5 högskolepoäng

2NA008 Environmental Economics and Resource Allocation, 7.5 credits

**Main field of study**

Economics

**Subject Group**

Economics

**Level of classification**

First Level

**Progression**

G1F

**Date of Ratification**

Approved by Organisational Committee 2009-06-17

The course syllabus is valid from spring semester 2010

**Prerequisites**

Economics 1-30 higher education credits or equal

## Objectives

The student is expected to have:

- A better understanding of how to, from an economic perspective, analyse and understand environmental problems and their origins
- An enhanced knowledge about economic measures against environmental problems
- An increased ability to critically analyse and evaluate economic measures in relation to different types of environmental problems and pollution
- A better understanding about the role of property rights in the economic system and especially in relation to environmental problems
- An increased knowledge about valuation and estimation of values related to the environment
- A better understanding about economics in relation to renewable and delectable resources
- A deeper understanding about the scientific discussion about the view of environmental problems, their origins and measures against them

- An enhanced knowledge in and analysis of different views of sustainable development

## Content

The course contains economic aspects on origins to environmental problems, such as existents of public goods and external effects. In the course there are also analyses of population and the importance of property rights for environmental problems, also to what extent this could get difficulties in solving the problems. The course also contains discussions and analyses of problems with the valuing of environmental resources and the distribution of them. In relation to this there are also critical analyses and discussions about the choice of discount rates and views of handling risk.

Resource allocation and the use of resources are analysed with respect to renewable, non renewable and recyclable resources. The course also covers analyses and discussions about scarcity and different types of pollution and ways of handling them in an efficient way. The concept of sustainable development is discussed and analysed. Also there are discussions and analyses of different schools in economics and their view of environmental problems, the origins of them and ways of handling them.

## Type of Instruction

Lectures and seminars

## Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

The examination of the students is done through a written exam at the end of the course and through active participation in the seminars, including a written paper and an oral presentation at the seminar.

To get the grade Pass, the student should understand and have a good command of the parts of the course. To get Pass with distinction it is required that the student also can master the parts in the course and relate them to each other in a critical way.

To get the grade Pass or Pass with distinction it is required that the student writes a paper, which is presented at the seminar. For the paper and the participation in the seminar, the student can get Pass or Fail.

A retest will be offered a few weeks after the original test for students who have not successfully passed the original test. At least 5 tests will be offered.

The grades are Pass with Distinction (80%-100%), Pass (60%-79%) or Failure (0%-59%).

Students at Linnaeus University are entitled to have the course grade translated into the 7-step ECTS scale. A request to have the grades translated must be made to the teacher at the start of the course.

## Course Evaluation

A written course evaluation is performed and compiled into a report to be kept in the university school archives. The result and any measures taken are communicated to the course co-ordinator and presented to the students participating the next time the course is offered.

## Required Reading and Additional Study Material

**Required reading**

Teitenberg, Tom, Lewis, Lynne, Environmental and Natural Resource Economics, Addison Wesley, latest edition, 595 pages

Söderbaum, Peter, Ecological Economics, Earthscan Publications Ltd, latest edition, 134 pages

Articles