



AI2509 Management of Land and Water 7.5 credits

Management of Land and Water

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for AI2509 valid from Spring 2008

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

Built Environment

Specific prerequisites

Three years of university studies within engineering, surveying, architecture, planning, geography or other related fields.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

The objective of this course is to give an overview of property rights and land registration systems, land reforms, as well as incentive measures concerning the efficient and rational use of land and water. The course will emphasize comparison of various systems of land and water management.

Course contents

The course includes lectures, seminars and report writings.

The following issues will be discussed:

- property rights and law
- customary law
- statutory law and tenancy systems
- land registration and cadastral systems
- land reform
- economic surplus and land productivity
- equity issues and land distribution methods
- integrated water resources management (IWRM)
- water utility management
- legal, economic and administrative incentives
- and barriers in the decision-making process.

Course literature

De Soto, Hernando. 2000. *The Mystery of Capital – Why Capitalism triumphs in the West and Fails Everywhere Else*. Bantam Press, Great Britain. Compendium of selected articles and extracts from publications in land and water management. Other literature will be announced prior to the course.

Examination

- TEN1 - Examination, 7.5 credits, grading scale: A, B, C, D, E, FX, F
- ÖVN1 - Exercise, - credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Other requirements for final grade

Written examination, TEN1 (7,5 credits), assignment, ÖVN1 (0 credits)

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.