



MJ2477 Energy Policy and Planning 6.0 credits

Energipolitik och planering

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 MJ2477 valid from Spring 2015

Grading scale

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

Education cycle

Second cycle

Main field of study

Environmental Engineering, Mechanical Engineering

Language of instruction

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

Intended learning outcomes

Upon successfully completing the course the student should be able to

- Realize how energy politics is designed and what it is supposed to achieve
- Evaluate how certain politics affect the environment and the society
- Define global and national energy policy factors which promote sustainable energy systems

Course contents

Energy policy is analysed in a perspective and in relation to changes in different agendas for example growth, environment and development. How is energy policy designed nationally and globally? Which are the consequences on the environment and society of certain energy policies? How can energy policies be utilized to promote growth and fight poverty?

Specific prerequisites

Prerequisites: 45 ECTS from Masterprogram studies in energy, environment or similar areas and the course

Energy and Environment MJ2413 or corresponding knowledge including documented proficiency in english B or equivalent.

Course literature

Kursen kommer att baseras på 1) Artiklar från böcker och vetenskapliga tidskrifter, 2) Material utdelat i samband med gästföreläsningar, 3) Fallstudier i form av material sammanställt av läraren

1. Publications from books and scientific journals, 2. Handouts from guest lecturers, 3. Case studies

Examination

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.

Seminars, 1 cr

Two Assignments of each 1 cr

Exam 3 cr

Other requirements for final grade

Presence on the seminars, two assignments (each with grade P/F)

Exam with grade A-F

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.