

Environmental and Energy Related Policy Instruments

Programme course

6 credits

Policy och styrmedel inom miljö och energiområdet

TKMJ50

Valid from: 2017 Spring semester

Determined by

Board of Studies for Mechanical
Engineering and Design

Date determined

2017-01-25

Main field of study

Industrial Engineering and Management

Course level

Second cycle

Advancement level

A1X

Course offered for

- Energy-Environment-Management

Entry requirements

Environmental management, Environmental law, Industrial energy systems, Building energy systems

Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

Prerequisites

Environmental management, Environmental law, Industrial energy systems, Building energy systems

Intended learning outcomes

The overall aim of the course is that students will acquire knowledge about environmental and energy policies for e.g. resource efficiency, improved energy efficiency and increased shares of renewables, and based on this knowledge obtain skills to critically analyze and evaluate such policy instruments. To meet the objective, the student is expected to obtain an understanding of the underlying principles of how a country in a market economy takes decisions about environmental and energy policies, identify the existing mix of such policies, which today is in operation within the EU and in Sweden. Further the student should be able to explain how such policies mutually influence each other, and how environmental and energy policy decisions at national and EU level are taken. After the course the student is able to:

- describe and reflect on how decisions are made about environmental and energy policies
- describe the function of the existing environmental and energy and policies
- analyze and evaluate such policies
- critically examine and evaluate scientific publications concerning relevant policies
- communicate the results of their learning in the course areas, both orally and in written form

Course content

During the course, students will, in different ways, practice their ability to critically examine and evaluate existing environmental and energy policies. Different parts of the scientific environmental and energy policy discourse are presented. Participants read research reports, books and scientific papers, etc., and examines them critically. Participants will also be evaluating existing environmental and energy policies and write an essay in the subject of policy instruments in the field of environment and energy

Teaching and working methods

The course consists of lectures, seminars, work in groups and individually, and reading of literature. Participation in seminars, exams, and assignments of the course project are mandatory.

Examination

UPG2	Seminars	2 credits	U, G
UPG1	Hand-in assignments	2 credits	U, G
TEN1	Written examination	2 credits	U, 3, 4, 5

Grades

Four-grade scale, LiU, U, 3, 4, 5

Department

Institutionen för ekonomisk och industriell utveckling

Director of Studies or equivalent

Carina Sundberg

Examiner

Olof Hjelm

Education components

Preliminary scheduled hours: 0 h

Recommended self-study hours: 160 h

Course literature

Additional literature

Compendia

Textbooks and articles in the field. Publications from Environmental Technology and Management as well as Energy Systems, Department of Management and Engineering