



## Course syllabus

Faculty of Technology

Department of Built Environment and Energy Technology

4BT008 Projektarbete - Resursbedömning, 15 högskolepoäng

Project Work - Resource Assessment, 15 credits

**Main field of study**

Bioenergy Technology

**Subject Group**

Energy Technology

**Level of classification**

Second Level

**Progression**

A1N

**Date of Ratification**

Approved by Department of Mechanical Engineering 2013-02-11

The course syllabus is valid from autumn semester 2013

**Prerequisites**

90 credits in Energy Technology, Chemical Engineering or Mechanical Engineering including Environmental Technology/Environmental Chemistry at least 7.5 hp, Physics 7,5 hp, Thermodynamics 7,5 hp Energy Technology 15 hp, Mathematics 22,5 hp.

## Objectives

After completing the course the students are expected to be able to

- apply knowledge about methods to assess biological resources for energy as acquired during studies on advanced level
- plan and carry through a major project concerning biomass assessment
- write a scientific report according

## Content

The course comprises the following elements:

- problem formulation, analysis, methods, results
- presentation, report-writing
- oral presentation
- opposing at the presentation of another project work
- presentation of the project in print to the faculty as well as in digital form on the university library website.

## Type of Instruction

The teaching comprises

- teacher-led supervision

- literature studies

### Examination

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

The examination is based on

- the presentation of the student's own project work
- the performance as opponent of another project work

### Course Evaluation

After completing the course an evaluation is compiled and reported back to the students.

The compilation is reported for current authority and filed by responsible department.

### Other

Certain elements of the course may entail costs which will have to be defrayed by the course participant.

### Required Reading and Additional Study Material

#### **Required reading**

Literature to be chosen after discussion with the supervisor