



## Course syllabus

Faculty Board of Science and Engineering  
School of Engineering

4BT005 Undersökningsmetoder inom Energiteknik, 7,5  
högskolepoäng

Investigation methodology in Energy, 7.5 credits

**Main field of study**  
Bioenergy Technology

**Subject Group**  
Bio Engineering

**Level of classification**  
Second Level

**Progression**  
A1F

**Date of Ratification**  
Approved by Organisational Committee 2009-12-15

The course syllabus is valid from autumn semester 2010

**Prerequisites**  
B.Sc. exam - at least 180 ECTS - in engineering or in natural sciences, or equivalent and English B or equivalent.

### Expected learning outcomes

After the course, the student shall be comfortable with different methods to make investigations and assessments of system solutions within the energy field.

### Content

The course consist of the following parts:

- Theory of science and research
- Experimental planning
- Literature search
- The process of writing academic/technical reports
- Exercises in oral presentation

### Type of Instruction

The course is offered in the form of lectures, exercises and laboratory exercises.

Compulsory parts of the course will be pointed out at the introduction.

### Examination

The course is assessed with the grades U, 3, 4 or 5.

### Course Evaluation

A written course evaluation will be carried out at the end of the course in accordance

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### Other

Some course elements may entail costs defrayed by the course participant.

The course is offered in English, if there are international participants.

On request, a Swedish University course certificate will be awarded upon successful completion of the course.

### Required Reading and Additional Study Material

Literature is provided by the department