

Course Syllabus

Solar Engineering Internship 7.5 Credits*, Second Cycle Level 1

Learning Outcomes

On completion of the course, students shall be able to:

- describe the organisation and activities of the company in question
- demonstrate the ability, with the help of theoretical knowledge from previous education, to implement solar engineering project work in a company or organisation environment
- reflect on their future professional role and their own skills
- document, reflect and present project work

Course Content

The students will be given the opportunity to apply their theoretical knowledge of solar engineering in a professional environment. The student shall independently, in consultation with teachers, search and apply for the internship. The course includes practical work within the main field of studies in relevant companies and organisations. The internship should include various tasks at the company or organisation and should give the student the opportunity to gain insight into the company's or organisation's activities and work processes. Appropriate internship tasks could be, for example, planning, design, testing, or evaluation of solar energy systems or components of the solar energy system.

Assessment

Individual written report of at least 20 pages, in which the student reflects on the internship and documents the engineering work that was done during the internship; an oral presentation. (7.5 credits)

Forms of Study

Preparatory seminar; engineering work in solar energy technology in a company or organisation for at least 10 weeks; guidance and supervision from a local supervisor at the company/organisation with support from the course coordinator at the University. A written report and an oral presentation.

Grades

The Swedish grades U–G.

Prerequisites

At least 45 credits of the courses of the Master Programme in Solar Energy Engineering

Other Information

A description of the work tasks during the internship tasks shall be provided and needs to be approved by the course coordinator.

A supervisor shall be appointed at the place for the internship. The student should be in continuous contact with the local supervisor and the university teacher in charge.

Subject:

Energy Technology

Group of Subjects:

Energy Technology

Disciplinary Domain:

Technology, 100%

This course can be included in the following main field(s) of study:

1. Solar Energy Engineering

Progression Indicator within (each) main field of study:

1. A1N

Approved:

Approved 22 September 2016

Valid from 17 November 2016