DALARNA UNIVERSITY

# Course Syllabus

## Solar Engineering Internship 15 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
- reflect on their future professional role and their own skills
- document, reflect and present the 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, find and apply for the internship. The course includes practical work within the main field of studies in relevant companies and organizations. The internship should include various tasks at the place of the internship and should give the opportunity to gain insight into the company'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 30 pages, in which the student reflects on the internship and documents the engineering work that was done during the internship as well as oral presentation. (30 credits)

### Forms of Study
Preparatory seminar, engineering work in solar energy technology in a company or organisation for at least 20 weeks, guidance and supervision from a local supervisor at the company/organisation with support from the course coordinator at the University. Reporting of the work in the form of a written report and an oral presentation.

### Grades
The Swedish grades U–G.

* 1 Credit = 1 ECTS

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

**Other Information**
A description of the internship tasks shall be made and need to be approved by the course coordinator.
A supervisor shall be appointed at the place of the internship. The student should be in continuous contact with the local supervisor and the responsible teacher at the University.

**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 26 November 2016