



# SA2012 Individual exchange project III 30.0 credits

Individuell projektkurs inom utbyte III

This is a translation of the Swedish, legally binding, course syllabus.

## Establishment

The SCI faculty board has 2024-05-13 decided to establish this syllabus to apply from autumn 2024, registration number: S-2024-0731.

## Grading scale

P, F

## Education cycle

Second cycle

## Main field of study

Technology

## Specific prerequisites

Completed degree project on Bachelor level with major in technology.

## Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

## Intended learning outcomes

After the completion of the course the student should be able to:

1. show knowledge of the disciplinary foundation of the chosen subject area and best practice, advanced understanding in current research and development and advanced method knowledge.
2. demonstrate the ability to search, collect and integrate knowledge critically and systematically with an overall view of the subject. Identify the need for additional knowledge.
3. demonstrate the ability to identify, analyse, assess and handle complex phenomena, issues and situations also with limited information
4. demonstrate the ability to plan and with adequate methods carry out qualified assignments within given time frames and to evaluate this work
5. demonstrate the ability to develop and evaluate products, processes, systems, methods or technical solutions with regards to human needs and the aims of the society for economically, socially and ecologically sustainable development
6. demonstrate the ability to orally and in writing in dialogue with different groups clearly explain and discuss the conclusions and the underlying arguments.
7. demonstrate the ability to make assessments considering relevant scientific, social and ethical aspects
8. show the skill required to participate in research and development projects, or to work independently in similar qualified activities

## Course contents

The project assignment may include different types of work, e.g. experimental, modeling, technical or theoretical work, in any of the areas linked to a specific exchange.

## Examination

- PRO1 - Project assignment, 30.0 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

## Ethical approach

- All members of a group are responsible for the group's work.

- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.