



FAG3202 Life Cycle Assessment, Advanced Course 7.5 credits

Livscykelanalys, fördjupningskurs

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

Establishment

Grading scale

G

Education cycle

Third cycle

Specific prerequisites

When starting the course the students should have basic practical knowledge of Life Cycle Assessment for example from a basic course, or by having done a published life cycle assessment or equivalent.

Language of instruction

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

Intended learning outcomes

The course should give students knowledge on current issues within the area of life cycle assessment and advanced knowledge on some specific methodological aspect.

Course contents

The topic of the course is Life Cycle Assessment methodology.

Disposition

The course is given as a seminar and literature course. The literature consists of one part that is common for all student and one part that is chosen individually together with the examiner. The students should write a paper on a specific methodological aspect. The paper should be of such a quality that it could be published as a scientific paper, a part of a cover essay for a thesis, or an application or something similar. The format is discussed and decided together with the examiner. Normally the paper should be 8 pages long, but this may vary depending on the chosen format. One seminar is given at the start of the course, one for the common literature and one each when the individual papers are presented. The students can also get individual supervision during the course. The students should read and comment on each others papers.

Course literature

The literature consists of one part that is common for all student and one part that is chosen individually together with the examiner. The common part is chosen to give a review of current issues within the field of life cycle assessment and will give the students a common knowledge basis. The individual literature is chosen so that the students can get more specific knowledge within a specific topic. The literature will normally consist of 500 pages, mostly papers from scientific journals.

Examination

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.

Other requirements for final grade

The course requirements are one accepted paper and active participation in the seminars.

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.