FAL3114 Sustainability Science 7.5 credits

Vetenskap för hållbar utveckling

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

Establishment

Course syllabus for FAL3114 valid from Autumn 2019

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Eligible for third-cycle education.

Language of instruction

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

Intended learning outcomes

- Understanding complexity and life-cycle perspectives in production and consumption systems

- Critically analyze multi-disciplinary and trans-disciplinary information and data tp provide informed decision-making in relation to resource management
- Critically assess approaches to policy development and institutional arrangements to support sustainability
- To develop and communicate a personal scientific attitude and ethos and its relation to credible science, effective community engagement and sound policy to manage complex decision-making in the face of risk and uncertainty.

Course contents

To produce a report on Sustianability Sicence in relation to the students´own research topic, based on literature and seminars. The report should cover all four aspects mentioned in the course objectives. To present the report in a seminar and reveiw another student's report.

Examination

- RED1 - Report, 7.5 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.