



FSK3912 Literature course in Applied Physics or Biological Physics 6.0 credits

Litteraturkurs i Tillämpad Fysik eller Biologisk Fysik

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

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

Establishment

Course syllabus for FSK3912 valid from Spring 2023

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Enrolled PhD student.

Language of instruction

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

Intended learning outcomes

After passing the course, the student should be able to:

1. show considerable broadened and/or deepened knowledge and insight into the chosen research area's scientific basis and proven experience based on the selected literature.
2. demonstrate the ability to, in oral and written dialogue with teachers, researchers and other doctoral students, clearly explain and discuss acquired new knowledge, and to argue for and reflect on this.
3. demonstrate the ability to identify and discuss relevant scientific, social, ethical and sustainable aspects of the selected literature.

Course contents

The course corresponds to four weeks of full-time study corresponding to 160 full-time study hours, and should be completed within one semester from the start of the course. The course consists of an individually designed and completed literature study within the relevant topic, where the literature is chosen according to agreement between the research student and the responsible teacher, normally the main supervisor or other suitable person with teacher competence.

The doctoral student conducts independent studies of designated literature in the form of scientific articles, books, book chapters or other material. Selected research literature shall constitute a considerable deepening and/or broadening of knowledge that is relevant to the postgraduate student's own third-cycle studies, but the report may not be included as a part in the doctoral student's thesis. It is the main supervisor's responsibility to ensure that the report generated in course is not included in the doctoral or licentiate thesis.

Examination

- LIT1 - Literature assignment, 6.0 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.

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.