FAE3007 Research Communication, Publishing, Presentation and Critical Evaluation, part 2 for PhD Degree 3.0 credits

Forskningskommunikation; publicering, presentationsteknik och kritisk granskning, del 2 för doktorsexamen

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

Establishment

Course syllabus for FAE3007 valid from Spring 2019

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Accepted to the PhD program in Land and Water Resources Engineering and has a licentiate degree or completed a midterm seminar.

Language of instruction

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

Intended learning outcomes

The goal of the course is that the student will reach a mature level with respect to research methodology and communication. Following the course the students shall:

- have knowledge in all the research areas within the PhD program Land and Water Resources.

- have an understanding how their research is interconnected to all the other areas within the institute.

- have reached an excellent ability in writing scientific articles and ability of evaluation of research articles, masters, licentiate and PhD thesis.

- have good knowledge and ability with respect to oral presentation of their research and opposition of other persons work.

Course contents

The course includes several activities. These activities aim to widen the student's scientific knowledge to a high level of competence. In part I of this course the students were to learn the basics for research communication. In part II of the course they are expected to have reached a high level of excellence. The students in part II of the course are also to be good examples for the students in part I; act as mentors.

Disposition

The course contains several activities. Some of the activities are mandatory where as several are electives. All students, at the start of the course, are to write a document that lists which of the elective activities they plan to carry out within the scope of the course and explain how these activities are expected to give them the knowledge needed to reach the goals of the course. This document is to be submitted and approved by the program advisory group; this should be done within the first half year after starting the course. This is of special importance for students who are not actively working daily at KTH; industry and sandwich students. It may be necessary to modify this document. If so the modified document is to be approved by the program advisory group.

Course literature

Selection of literature in the research subject.

Examination

- INL1 - Homework, 3.0 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.

The examination consists of an oral presentation by the student to the examiner; one to two hours oral discussion. The students are to present what they have done within the scope of the course and give an explanation of how the activities have strengthened and lead to reaching the goals of the course.

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.