



FCK3310 Research Integrity 2.0

credits

Forskningsintegritet

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

Establishment

Course syllabus for FCK3310 valid from Autumn 2020

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Eligible for studies at the third-cycle level.

Language of instruction

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

Intended learning outcomes

After completion of the course the doctoral student should have the knowledge and ability to

- assess what is meant by good research practice in different situations
- plan and carry out research, and report research results in a way that meets the requirements of good research practice
- counteract and, if necessary, report other researcher's deviations from good research practice
- contribute to keeping discussions about integrity of research alive in the research environment.

Course contents

Lectures and group assignments illustrate the following questions:·

- What is meant by misconduct in research?
- Why is ethical behavior in research important?
- Which is the responsibility of the scientist?
- Misconduct in research - Why, where and when?
- How common is misconduct, and which types of misconduct are most common?
- Self-regulating mechanisms: Peer review and Reproducibility – is that enough?
- How to deal with and how to report observed misconduct?
- How to correct incorrectly reported results?

Examination

- DEL1 - Participation, 2.0 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.

Attendance at all course occasions, participation in discussions and presentation of group work performed in groups

Other requirements for final grade

Active participation in all parts 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.