



FMJ3412 Reproducible Research 3.0 credits

Reproducerbar forskning

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

Establishment

Course syllabus for FMJ3412 valid from Spring 2023.

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

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 must be able to:

- Communicate the concept of Open Science and justify the need for reproducible research
- Provide detailed guidance and recommendations on implementing Open Science practices

- Plan and implement research projects that meet the goals of Open Science

Course contents

In this course we will explore the concept of reproducible research and how it relates to the wider Open Science movement. We will examine how we implement important Open Science practices in our own research. The course will help students organize the concepts, knowledge and skills needed to adopt "good enough" methods for an academic journal publication.

Examination

- INL1 - Assignment, 0.5 credits, grading scale: P, F
- INL2 - Assignment, 0.5 credits, grading scale: P, F
- PRO1 - Project, 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.

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.