FSF3560 Selected Topics in Numerical Analysis 7.5 credits

Valda ämnen i numerisk analys

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

Establishment

Course syllabus for FSF3560 valid from Spring 2019

Grading scale

G

Education cycle

Third cycle

Specific prerequisites

A Master degree including at least 30 university credits (hp) in in Mathematics (including differential equations and numerical analysis).

Language of instruction

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

Intended learning outcomes

The student has after completing the course obtained thorough competence within a current up-to-date subfield of numerical analysis.

Course contents

The course covers a subfield of numerical analysis, decided jointly between the examiner and the teacher/researcher/ guest responsible for the current occasion of the course.

Disposition

The course is either given as a intensive course with lectures and problem solving or as a regular Ph.D. course with lectures, homework and computer assignments during a semester.

Course literature

To be announced at least 4 weeks before the course starts.

Examination

- INL1 - Assignment, 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.

Homework problems

Computer assignments

Written exam

Other requirements for final grade

Homework and computer assignments completed
Written exam passes

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.