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 SF2717 valid from Autumn 2019

Grading scale
A, B, C, D, E, FX, F

Education cycle
Second cycle

Main field of study
Mathematics

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

Intended learning outcomes
After the course the student should be able to
• explain basic concepts and theorems within the parts of algebra and analysis described by the content of the course,
• apply concepts, theorems and methods to solve and present the solutions of problems within the parts of algebra and analysis described by the content of the course,
• Explain and summarize results from the current mathematics literature.

Course contents

An independent work within an area from the current mathematical literature.

Specific prerequisites
Completed basic course SF1626 Calculus in Several Variable and SF1662 Discrete Mathematics.

Course literature
Announced no later than 4 weeks before the start of the course on the course web page.

Examination
• TEN1 - Examination, 6.0 credits, grading scale: A, B, C, D, E, FX, 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.

An exam which may be replaced, in part och fully, by examination determined in consultation between the teacher and the students.

The examiner decides, in consultation with KTHs Coordinator of students with disabilities (Funka), about any customized examination for students with documented, lasting disability. The examiner may allow another form of examination for re-examination of 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.