



FCK3101 Current Research in Fiber and Polymer Science 3.0 credits

Aktuella forskningsrön inom fiber- och polymervetenskap

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

Autumn 2019.

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Participants should be enrolled at the Doctoral Program Chemical Science and Engineering at CBH, Fiber- and polymer science.

Language of instruction

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

Intended learning outcomes

After completing the course the student should be able to

- show both broad and specialized knowledge in the general field of fiber and polymer science
- demonstrate the ability to pedagogically present, critically review and discuss about own and others' scientific work in the subject area in writing
- demonstrate the ability to apply knowledge of scientific methods, experimental planning and evaluation of analysis results relevant to the course's scientific field
- demonstrate the ability to identify, discuss and reflect on ethical and sustainability aspects of the research that is being dealt with within the course

Course contents

Seminars by well-known researchers covering various research areas with high relevance for Fiber and Polymer Science.

Examination

- DEL1 - Participation, 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.

Each seminar should be documented by:

- short bio of the speaker
- summary of the seminar content

and a critical assessment on how the newly acquired knowledge could be used by the student in her/his projects. This would also require reference to appropriate papers authored by the speaker. In total, the written text should not exceed 1 A4 per seminar.

Other requirements for final grade

Detailed instructions will be distributed to enrolled 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.