



M.Sc. thesis project in textile engineering

Examensarbete i textilteknik

30 credits

Ladok Code: 52TT02

Version: 2.0

Established by: The Teaching Committee 2012-11-13

Valid from: Autumn 2011

Education Cycle: Second cycle

Main Field of Study (Progressive Specialisation): Textile Engineering (A2E)

Disciplinary Domain: Technology

Prerequisites: Bachelor's of Science and level B English or equivalent. At least 52.5 credits in advanced level textile engineering and the course Scientific methodology and communication, 7.5 credits or equivalent.

Subject Area: Textile Technology

Grading Scale: ECTS-credits

Content

The thesis project sums up all skills acquired during the programme. It shall either be experimentally based or a combination of theory and practice of a subject relevant to textile engineering.

This individual project can be done in collaboration with a Swedish or international company or organization or with another university in a cross disciplinary context.

Learning Outcomes

The thesis sums up the master's programme. The examinee shall be able to:

- Apply acquired skills to solve issues relevant to the education.
- Articulate, plan, structure and manage a project assignment.
- Digest literature relevant to the subject and put the project into context.
- Present the project outcome in a thesis that measures up to the standards in terms of relevance, systematic rigor, context, scientific methodology and writing. The thesis should aim for a level that enables the stuff to be published in a peer review journal or conference proceedings.
- Present the results orally and defend to opposition from peers and staff.
- Apply a critical perspective, review and scrutinize peer theses.
- Analyze a problem, discuss and conclude by scientifically solid means.
- Consider public aspects of a scientific problem, its delimitations, analysis and discussion. Both in terms of public interest and sustainability issues.

Forms of Teaching

Both individual and groupwise supervision is applied.

Teaching is in English.

Forms of Examination

The course is examined by the following means:

- A written thesis that is orally presented and defended and also oral and written opposition to a peers thesis. 30 credits

Course work is assessed with the grades A, B, C, D, E, Fx, or F (ECTS-grade scale).

Student rights and obligations at examination are in accordance with guidelines and rules for the University of Borås.

Literature and Other Teaching Materials

Relevant literature is governed by the nature of the project and chosen together with the supervisor.

Student Influence and Evaluation

The students' opinions are collected systematically and regularly through written course evaluations once the course is completed. One time per semester, student representatives, together with the Director of Studies and Programme Directors, evaluate completed courses. For additional materials, please refer to the University's policy on course evaluation and documents established by the Department Board, the Director of Studies and the Course Director.

Miscellaneous

The course is primarily a programme course for the Master's Degree Programme in Textile Engineering.