



ME2120 Analysis of the Structure and Realization of a Master Thesis 1.5 credits

Analys av examensarbetets struktur och genomförande

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

Establishment

The official course syllabus is valid from the autumn semester 2025, according to the decision by the Faculty Board: M-2024-0018. Date of decision: 2024-10-14.

Grading scale

P, F

Education cycle

Second cycle

Main field of study

Industrial Management

Specific prerequisites

Completed a Degree Project, First Cycle.

All but two of the courses in years 1–3 required for the award of the Degree of Bachelor completed.

English B/English 6, or the equivalent

Language of instruction

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

Intended learning outcomes

On completion of the course, the student should be able to:

1. Describe the challenges faced by students doing their degree project at the Department of Industrial Engineering and Management,
2. Analyse and evaluate a final report from a degree project at the Department of Industrial Engineering and Management
3. Analyse and evaluate the implementation of final report seminars, including oral presentation and opposition, at the Department of Industrial Engineering and Management.

Course contents

Many study programmes at KTH end with an independent scientific work, a degree project. In our Master of Science and Master of Engineering programmes, students write a thesis covering one semester of full-time studies, i.e. 30 higher education credits. Many theses are carried out in collaboration with an external organisation, such as an industrial company. The requirements for a master's thesis are high, both in terms of scientific rigour and engineering problem solving. Therefore, in order to start a degree project, a completed course in scientific method and philosophy of science is required. At the Department of Industrial Engineering and Management, students are also required to prepare a concrete and scientifically based description of the upcoming degree project, a so-called "thesis proposal", before starting the work.

This course prepares you for your upcoming degree project by:

1. Actively following an ongoing degree project
2. Reading and analysing the final report of this degree project,
3. Participating in the seminar where this degree project is presented,
4. Participating in two further final presentation seminars.

Examination

- INL1 - Assignment, 1.5 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.

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.