



# ML1330 Financial Control in an Industrial Concept 7.5 credits

## Industriell hållbar ekonomistyrning

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 ML1330 valid from Autumn 2019

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Technology

## Specific prerequisites

Completed course: ML1030 or 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:

- formulate, choose and solve various advanced business calculations, such as short-term optimization, distribution of indirect costs, investment assessment, deviation analysis and result analysis
- account for life-cycle assessment (LCA) as a method, and make arguments for its suitability
- account for the regulations that controls the frame of external accounting
- account for how sustainability aspects in industrial production relate to the activities of industrial companies, as well as their way of reporting

## Course contents

- Short-term optimization through contribution calculation and linear programming
- Distribution of indirect costs with cost price calculation and activity-based costing
- Investment calculations
- Deviation handling with standard costing and Earned Value
- Life-cycle assessment
- Legal framework of external accounting
- Legislation on sustainability reporting, GRI performance indicators and stakeholder engagement

## Examination

- LABA - Laboratory work, 1.0 credits, grading scale: P, F
- SEM1 - Seminars, 1.5 credits, grading scale: P, F
- TENA - Written examination, 5.0 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.

Examiner determines, in consultation with KTH's coordinator for disabilities, about possible adapted examination for students with documented, permanent disabilities. Examiner leaves admit other examination format at re-examination of occasional 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.