FME3558 IEM: Research Frontiers and Theoretical Foundations 6.0 credits

Industriell ekonomi: forskningsfronter och teoretiska grunder

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

Establishment

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

The course is aimed at doctoral students in industrial economics and organization or equivalent subjects.

Intended learning outcomes

After passing the course, the student should have acquired the skills and knowledge to:

- be able to describe the subject area of industrial economics and management/industrial engineering and management (IEM) and its historical development
- be able to describe the ongoing research in IEM at the participating institutions

- understand the central theoretical foundations and new perspectives on which this research is based independently reflect on IEM as an academic subject area and its relationship to other related subjects
- relate and connect their own research with the subject area of IEM

Course contents

The course provides an orientation to ongoing research in the subject area of industrial engineering and management (IEM).

The course aims to:

- provide an orientation to the ongoing research in the subject area
- demonstrate important theoretical foundations and new perspectives on which the ongoing research is based
- create a common gestalt for IEM as a research field

Examination

- DEL1 - Active participation, 3.0 credits, grading scale: P, F
- INL2 - Hand-in assignment, 1.5 credits, grading scale: P, F
- SEM1 - Presentation, 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.