



# FME3533 Introduction to Research in Industrial Management for EDIM 7.5 credits

Introduktion till forskning i industriell ekonomi för EDIM

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

## Establishment

Course syllabus for FME3533 valid from Autumn 2013

## Grading scale

G

## Education cycle

Third cycle

## Specific prerequisites

PhD students admitted to the Erasmus Mundus Joint Doctoral Program European Doctorate in Industrial Management (EDIM)

## Language of instruction

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

## Intended learning outcomes

The purpose of the course is to introduce new PhD-students to the PhD-program and to "the craft", "the art", and "the practices" of research in of the field of Industrial Management. The course aims at providing a basic understanding of research in terms of basic notions of research and the research process. The course also aims at preparing the doctoral students for life in Academia, discussing some significant aspects of being a researcher, e.g. preparing a research project, participating in the academic discourse, interacting with supervisors and other researchers, reviewing academic texts and the academic "game of publishing".

The PhD-student shall after the course:

- Have a basic understanding of the academic subject of Industrial Economics and Management and its role at a Technical University
- Understand what it means to conduct research in Industrial Economics and Management; how different research projects, scientific contributions, journal articles, and PhD-theses can look like.
- Know the purpose, structure and formal requirements of the PhD-education in Industrial Economics and Management
- Be familiar with the academic system; the organization and governance of KTH as a University, the systems of research financing, of academic conferences, of scientific publishing, and academic careers
- Understand how to formulate a researchable research question within the field of Industrial Economics and Management
- Be able to critically review, value and constructively comment on an academic text.

## Course contents

The PhD-training as a process; the formal rules and regulations of the doctoral education and examination, acquaintances with research activities and research perspectives within the department of Industrial Economics and Management, formulating a research question and designing a research project, research ethics, requirements on a doctoral thesis, academic writing and scientific publishing, the role of seminars and academic dialogue, the system of research financing, the academic career.

## Disposition

The course is organized through seminars and lectures held at workshops of the first 15 months of the candidate's participation of EDIM. Between the workshops the candidates work on specific assignments, handed in one week before each workshop.

## Course literature

Kommer att tillkännages vid det första seminariet /

To be announced at the first meeting

## Examination

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.

## Other requirements for final grade

To pass the course, the participants are required:

- to submit all assignments specified for the workshops.
- to establish an individual study plan
- to present a thesis proposal and get it approved by EDIM, as well as the home and host universities.

## 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.