



ME2704 Firm and Industry Dynamics 7.5 credits

Företags- och näringslivsdynamik

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 ME2704 valid from Spring 2015

Grading scale

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

Education cycle

Second cycle

Main field of study

Industrial Management

Specific prerequisites

At least 180cr of higher education, with at least 30cr within mathematics/economics/economical control, and documented proficiency in English B, or the equivalent.

Language of instruction

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

Intended learning outcomes

The course deals with the factors that support innovation, and discusses how these influence the development of companies and entire sectors, in the form of start-up and close-down of companies, competition and economic growth. The course contains both theoretical and empirical parts and include both contemporary and historical examples of innovation and company and industrial dynamics. On completion of the course, you should:

Be able to understand today's technological change and innovation by studying similarities and differences in historical examples.

- Be able to explain and analyse the importance of firm and industry dynamics for economic development.
- Be able to explain, compare and analyse the importance of firm and industry dynamics according to different economic theories.
- Have knowledge about and discuss critically empirical research results about firm and industry dynamics.
- Be able to explain the importance of institutions and industrial policy for firm and industry dynamics.
- Be able to compile, analyse critically and present an empirical case study of the development of an industry sector.

Course contents

The course has the following main contents:

- Innovation and economic development
- Firm and industry dynamics in economic theories
- Start-up and close-down of companies
- High-growth companies
- Institutional aspects of industry dynamics
- Company localisation and industry clusters
- Business policy

Disposition

The course is based on lectures (including discussion exercises) and seminars where the students present and discuss empirical orientated research papers in the field. In addition, field trips are made connected to innovation and transformation of business sectors

Course literature

Examination

- INL1 - Assignment, 2.0 credits, grading scale: A, B, C, D, E, FX, F
- SEM1 - Seminar, 0.5 credits, grading scale: P, F
- TEN1 - Exam, 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.

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.