



# MF2052 Product Innovation Seminar Course 9.0 credits

## Produktinnovation seminariekurs

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 MF2052 valid from Autumn 2013

## Grading scale

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

## Education cycle

Second cycle

## Main field of study

Mechanical Engineering

## Specific prerequisites

Only students taking the track Product Innovation in the master's program Integrated Product Design.

Exchange students can take the course if they have the right prerequisites - course MF2046 Product innovation and MF2051 R&D Strategy and Organisation or comparable courses.

## Language of instruction

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

## Intended learning outcomes

The course aims to train students to acquire scientific literature on the subject Product Innovation Management, to analyze and critically examine this literature, gathering literature independently and be able to understand the academic field and conduct a literature review. Furthermore, the course aims to develop students' ability to analyze the scientific method and theory development, and to write essays of a more academic nature, and make these items available for an external audience. In addition, students are trained to keep qualified academic discussions in seminars.

## Course contents

The course consists of three parts: The first part is a series of seminars with the minimum of five occasions, with the preparation of literature study and issues to bring up in discussions. Topics for the seminars are specified in advance and relate to Product Innovation Management: IPR, Open Innovation, Ideation, Measuring Innovation are examples of topics for the seminars. The second part of the course is based on the students own choice of subject in the field with the writing of an academic essay, a paper. This is done in pairs under the guidance of the teacher. Finally, the third part of the course is to collaborate on a project where the students' paper are put together in an anthology.

## Course literature

To the course at least 15 specified scientific papers.

## Examination

- LIT1 - Literature Task, 4.5 credits, grading scale: A, B, C, D, E, FX, F
- PRO1 - Project, 1.5 credits, grading scale: P, F
- SEM1 - Seminar, 3.0 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.

In the seminar part Pass / Fail is given. Pass requires active participation with good preparation. Other examination parts are own writing of paper and individual contributions to the anthology. Paper and book are graded with A-F.

## 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.