FME3526 Managing the Innovation Process from the Research Perspective 5.0 credits

Affärsmannaskap och entreprenörskap i innovationsprocessen

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

Establishment

Course syllabus for FME3526 valid from Spring 2017

Grading scale

G

Education cycle

Third cycle

Specific prerequisites

- Doctoral students and researchers in KTH.

- Knowledge in English equivalent Eng B.

Language of instruction

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

Intended learning outcomes

After the course, the students have understanding of the practical abilities that are required to run an innovation process according to modern â€beast practiceâ€. The students will also learn what is expected by them, when they start to work in a large multinational or a small startup company.

Course contents

- The course covers IPR-analysis, Market analysis and strategy, Development of business models, F&U-prioriteringar, Marketing of F&U-projekt (pitch your own project) vis-Ã -vis senior Management, venture capitalists or management of F&U-projekt as well as technology/market risk analyses. Case study in the workshop is new packaging from renewable materials and how one sells sustainability.

Disposition

- Lectures are alternated during a whole week and involve 3 workshops, students will apply what they have learnt in the course. The students examine their own technical research domain by means of advanced IPR-tools from Thomson Reuters.
- Take-home examination.

Course literature

A bibliography over books and articles that describes best practices related to handling of innovation from Research and Technology Management will be distributed.

Equipment

Personal computer.

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

Home-exam a week after the course ends.

- Shift/Fail (50 the % project work, 50 the % take-home examination)

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.