



MF2012 Innovation Engineering 30.0 credits

Innovativ produkt- och affärsutveckling

Course syllabus for MF2012 valid from Autumn 08

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

Grading scale:

Education cycle: Second cycle

Main field of study: -

Intended learning outcomes

The participants of the course are expected to:

- develop their innovative capability through problem driven and experience based learning
- develop their ideas to commercial products and businesses
- experience innovative product development, the innovation process and the innovation system
- experience entrepreneurial activity, leadership, financing and business planning
- understand patent rights, intellectual property etc.
- actively utilize student projects and academic research in technological- and product development
- understand prerequisites for new and small enterprises in Sweden
- actively utilize existing support and mechanisms for innovators and entrepreneurs in existing innovation systems

Course main content

Participants follow course modules and workshops in innovation, innovative development, entrepreneurship, financing, business planning, patent rights, branding etc.

The participants are offered work facilities for meetings, prototype manufacturing and course work.

During the course, the participants are offered coaching from representatives from industry, innovators, business developers and teachers from KTH. Participation in mentorship programs are offered together with network for business angels and contacts with financiers.

The course are preferably taken during the fourth or fifth year, either before, during or immediately after the master thesis project.

Language of instruction

Language of instruction is specified in the course offering information in the course and programme directory.

Eligibility

The participants are expected to have fulfilled a specialization on D-level (or similar) within any area.

Literature

Will be specified at course start.

Examination

- PRO1 - Project, 7.5 credits, grading scale: P, F
- PRO2 - Project, 7.5 credits, grading scale: P, F
- PRO3 - Project, 7.5 credits, grading scale: P, F
- PRO4 - Project, 7.5 credits, grading scale: P, F

Requirements for final grade

Fulfillment of all project parts.

(PRO1; 7,5 cr), (PRO2; 7,5 cr), (PRO3; 7,5 cr), (PRO4; 7,5 cr)