

Innovation and Entrepreneurship - Project Course

Programme course

12 credits

Innovation och entreprenörskap - projektkurs

TEIO89

Valid from: 2017 Spring semester

Determined by

Board of Studies for Industrial
Engineering and Logistics

Date determined

2017-01-25

Main field of study

Industrial Engineering and Management

Course level

Second cycle

Advancement level

A1X

Course offered for

- Design and Product Development
- Industrial Engineering and Management - International, M Sc in Engineering
- Industrial Engineering and Management, M Sc in Engineering
- Industrial Engineering and Management, Master's programme

Entry requirements

Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

Prerequisites

Product development and innovation management, Project based organization and management, Innovative entrepreneurship

Intended learning outcomes

This course provides the knowledge and skills to help students develop their own perspectives on innovation management. In this course, students will solve real challenges associated with innovative activities in small as well as large companies from the corporate level to the project and individual level. After completing the course, the students are expected to have reached the following learning objectives:

- Identify, select, and analyse a situation-specific problem in innovation management or entrepreneurship.
- Formulate and structure theoretically relevant issues on the basis of the current problem.
- Choose and apply methods for real problems.
- Produce effective written and oral communication of the project for each phase of the project.
- Review and evaluate their own and other students' work.

Course content

- Research methodology.
- Development within different areas of innovation management such as innovative entrepreneurial ventures, innovation management in established companies, project management of innovation, open innovation, management of product development, etc.
- Report writing, presentation, and opposition.
- Application of a critical perspective.

Teaching and working methods

A small number of lectures and/or seminars introduce research methodologies and analyses that are suitable for understanding innovation management and entrepreneurship. In small groups, the students work on a project under the guidance of a tutor from the department. Some of these project groups will work together as “problem-based learning” groups. In seminars, these groups will discuss issues associated with research methodology as well as present and discuss their projects with each other. The study groups also serve as opponents for other groups. This arrangement encourages critical and constructive review of research and academic reports in innovation management. The course runs throughout the whole semester.

Examination

UPG1	Assignments	3 credits	U, G
PRA1	Project work	9 credits	U, 3, 4, 5

The course grade is based on the results of the different tasks. The project work is assessed on the basis of the main criteria of logic/red wire and credibility, which includes the following:

- The problem is clearly presented, problematized, and motivated by specific and clear research questions.
- The theoretical frame of references for the specific problem is motivated, presented, and applied in a relevant way.
- That methods and perspectives are grounded in theory and the methods are considered appropriate and applied appropriately.
- The conclusions can be judged as credible and are logical consequences of the work presented.

Grades

Four-grade scale, LiU, U, 3, 4, 5

Department

Institutionen för ekonomisk och industriell utveckling

Director of Studies or equivalent

Dag Swartling

Examiner

Eva Lovén

Education components

Preliminary scheduled hours: 36 h

Recommended self-study hours: 284 h

Course literature

Bok som behandlar forskningsmetodik

Specifik litteratur kopplad till respektive projekt.

Common rules

Regulations (apply to LiU in its entirety)

The university is a government agency whose operations are regulated by legislation and ordinances, which include the Higher Education Act and the Higher Education Ordinance. In addition to legislation and ordinances, operations are subject to several policy documents. The Linköping University rule book collects currently valid decisions of a regulatory nature taken by the university board, the vice-chancellor and faculty/departments boards.

LiU's rule book for education at first-cycle and second-cycle levels is available at http://stydokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva.