

Basic Entrepreneurship and Idea Feasibility Analysis

Programme course

6 credits

Grundläggande entreprenörskap och
idékvalificering

TEIO05

Valid from: 2019 Spring semester

Determined by

Board of Studies for Electrical
Engineering, Physics and Mathematics

Date determined

2018-08-31

Main field of study

Industrial Engineering and Management

Course level

First cycle

Advancement level

G2X

Course offered for

- Civic Logistics, Bachelor's Programme
- Electronics Design Engineering, M Sc in Engineering
- Communication and Transportation Engineering, M Sc in Engineering

Specific information

The course is not offered during 2017

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

The requirements for participating in lectures and examination in semester 5. Students are expected to be able to collect and structure information independently, communicate orally and in writing, plan and execute a project-based assignment in group and perform basic calculations. They are also expected to have some ability of creative and critical thinking.

Intended learning outcomes

The purpose of the course is for students to acquire knowledge and abilities within the field of entrepreneurship, with particular focus on formulation and evaluation/qualification of ideas for entrepreneurial ventures. The learning outcomes is that students after the course should

- be able to describe, compare and take a position on different perspectives on entrepreneurship
- be able to reflect on what entrepreneurship can be within their own technological field
- be able to give an account of critical factors for the establishment of an entrepreneurial venture
- be able to give an account of the information and analyses required to evaluate an idea for an entrepreneurial venture and have some ability to collect and analyse relevant information for that purpose
- have some ability to communicate a business idea proposal orally and in writing

Course content

The course is organised in three themes:

- *What is entrepreneurship?* Students are faced with different perspectives on entrepreneurship and are allowed to form their own opinion of what entrepreneurship may be.
- *Entrepreneurship as the establishment of new ventures.* What is an entrepreneurial venture? How is an idea, upon which a venture could be founded, formed and developed? What organisational forms can an entrepreneurial venture take? What is required for an entrepreneurial venture to stand on its own feet? How are entrepreneurial ventures financed?
- *Idea feasibility analysis.* The process from idea to business plan. The prestudy details (goal/vision, business idea, market and competitive strategy, marketing, business model, profitability and financing).

Teaching and working methods

The course is organised in terms of lectures and seminars, where theories of entrepreneurship are mixed with, and illustrated by, practical examples, the experiences of our guest lecturers and student practices. Group assignments and individual assignments support learning. *Driving force is an important aspect of entrepreneurship, and students' engagement will therefore be emphasized in the course; the course is to a large extent problem-based and students are required to take responsibility for their own learning, individually and in groups.* The course runs over the entire spring semester.

Examination

| | | | |
|------|-------------|-----------|------------|
| UPG2 | Project | 4 credits | U, 3, 4, 5 |
| UPG1 | Assignments | 2 credits | U, 3, 4, 5 |

The individual assignment and the individual written test serves to secure that every individual have reached the learning goals of the course, they thereby exam all three themes of the course. The group work consist of a feasibility analysis of a business idea and it examines in first hand the themes 2 and 3. The grades on the individual assignments, the written test, the group work and the course as a whole will be based on an assessment of all included elements.

Grades

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

Other information

Supplementary courses: Innovative entrepreneurship and business planning

Department

Institutionen för ekonomisk och industriell utveckling

Director of Studies or equivalent

Dag Swartling

Examiner

Charlotte Norrman

Course website and other links

<http://www.iei.liu.se/pie/teio05/filarkiv/1.508575/kursPMteio052014.pdf>

Education components

Preliminary scheduled hours: 48 h

Recommended self-study hours: 112 h

Course literature

Landström och Löwegren (2009) Entreprenörskap och företagsetablering, Studentlitteratur (huvudbok) McKinsey (1998): Från idé till företag. Affärsplanering för framgång. McKinsey & Company, Göteborg och Stockholm. Vetenskapliga artiklar och bokkapitel, praktikfallsbeskrivningar och annat material som delges via kursens hemsida.

Common rules

Course syllabus

A syllabus has been established for each course. The syllabus specifies the aim and contents of the course, and the prior knowledge that a student must have in order to be able to benefit from the course.

Timetabling

Courses are timetabled after a decision has been made for this course concerning its assignment to a timetable module. A central timetable is not drawn up for courses with fewer than five participants. Most project courses do not have a central timetable.

Interrupting a course

The vice-chancellor's decision concerning regulations for registration, deregistration and reporting results (Dnr LiU-2015-01241) states that interruptions in study are to be recorded in Ladok. Thus, all students who do not participate in a course for which they have registered must record the interruption, such that the registration on the course can be removed. Deregistration from a course is carried out using a web-based form: www.lith.liu.se/for-studenter/kurskomplettering?l=sv.

Cancelled courses

Courses with few participants (fewer than 10) may be cancelled or organised in a manner that differs from that stated in the course syllabus. The board of studies is to deliberate and decide whether a course is to be cancelled or changed from the course syllabus.

Regulations relating to examinations and examiners

Details are given in a decision in the university's rule book:
<http://styrdokument.liu.se/Regelsamling/VisaBeslut/622678>.

Forms of examination

Examination

Written and oral examinations are held at least three times a year: once immediately after the end of the course, once in August, and once (usually) in one of the re-examination periods. Examinations held at other times are to follow a decision of the board of studies.

Principles for examination scheduling for courses that follow the study periods:

- courses given in VT1 are examined for the first time in March, with re-

examination in June and August

- courses given in VT2 are examined for the first time in May, with re-examination in August and October
- courses given in HT1 are examined for the first time in October, with re-examination in January and August
- courses given in HT2 are examined for the first time in January, with re-examination at Easter and in August.

The examination schedule is based on the structure of timetable modules, but there may be deviations from this, mainly in the case of courses that are studied and examined for several programmes and in lower grades (i.e. 1 and 2).

- Examinations for courses that the board of studies has decided are to be held in alternate years are held only three times during the year in which the course is given.
- Examinations for courses that are cancelled or rescheduled such that they are not given in one or several years are held three times during the year that immediately follows the course, with examination scheduling that corresponds to the scheduling that was in force before the course was cancelled or rescheduled.
- If teaching is no longer given for a course, three examination occurrences are held during the immediately subsequent year, while examinations are at the same time held for any replacement course that is given, or alternatively in association with other re-examination opportunities. Furthermore, an examination is held on one further occasion during the next subsequent year, unless the board of studies determines otherwise.
- If a course is given during several periods of the year (for programmes, or on different occasions for different programmes) the board or boards of studies determine together the scheduling and frequency of re-examination occasions.

Registration for examination

In order to take an examination, a student must register in advance at the Student Portal during the registration period, which opens 30 days before the date of the examination and closes 10 days before it. Candidates are informed of the location of the examination by email, four days in advance. Students who have not registered for an examination run the risk of being refused admittance to the examination, if space is not available.

Symbols used in the examination registration system:

** denotes that the examination is being given for the penultimate time.

* denotes that the examination is being given for the last time.

Code of conduct for students during examinations

Details are given in a decision in the university's rule book:
<http://styrdokument.liu.se/Regelsamling/VisaBeslut/622682>.

Retakes for higher grade

Students at the Institute of Technology at LiU have the right to retake written examinations and computer-based examinations in an attempt to achieve a higher grade. This is valid for all examination components with code "TEN" and "DAT". The same right may not be exercised for other examination components, unless otherwise specified in the course syllabus.

Retakes of other forms of examination

Regulations concerning retakes of other forms of examination than written examinations and computer-based examinations are given in the LiU regulations for examinations and examiners,
<http://stydokument.liu.se/Regelsamling/VisaBeslut/622678>.

Plagiarism

For examinations that involve the writing of reports, in cases in which it can be assumed that the student has had access to other sources (such as during project work, writing essays, etc.), the material submitted must be prepared in accordance with principles for acceptable practice when referring to sources (references or quotations for which the source is specified) when the text, images, ideas, data, etc. of other people are used. It is also to be made clear whether the author has reused his or her own text, images, ideas, data, etc. from previous examinations.

A failure to specify such sources may be regarded as attempted deception during examination.

Attempts to cheat

In the event of a suspected attempt by a student to cheat during an examination, or when study performance is to be assessed as specified in Chapter 10 of the Higher Education Ordinance, the examiner is to report this to the disciplinary board of the university. Possible consequences for the student are suspension from study and a formal warning. More information is available at
<https://www.student.liu.se/studenttjanster/lagar-regler-rattigheter?l=sv>.

Grades

The grades that are preferably to be used are Fail (U), Pass (3), Pass not with distinction (4) and Pass with distinction (5). Courses under the auspices of the faculty board of the Faculty of Science and Engineering (Institute of Technology) are to be given special attention in this regard.

1. Grades U, 3, 4, 5 are to be awarded for courses that have written examinations.
2. Grades Fail (U) and Pass (G) may be awarded for courses with a large degree of practical components such as laboratory work, project work and group work.

Examination components

1. Grades U, 3, 4, 5 are to be awarded for written examinations (TEN).
2. Grades Fail (U) and Pass (G) are to be used for undergraduate projects and other independent work.

3. Examination components for which the grades Fail (U) and Pass (G) may be awarded are laboratory work (LAB), project work (PRA), preparatory written examination (KTR), oral examination (MUN), computer-based examination (DAT), home assignment (HEM), and assignment (UPG).
4. Students receive grades either Fail (U) or Pass (G) for other examination components in which the examination criteria are satisfied principally through active attendance such as other examination (ANN), tutorial group (BAS) or examination item (MOM).

The examination results for a student are reported at the relevant department.

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/department boards.

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