LINKÖPINGS UNIVERSITET

Project: Entrepreneurial Programming

Programme course

10 credits

Projekt: Entreprenöriell programmering

TDP028

Valid from: 2017 Spring semester

Determined by
Board of Studies for Computer Science
and Media Technology

Date determined
2017-01-25

Main field of study

Programming

Course level

First cycle

Advancement level

G2X

Course offered for

- Programming, Bachelor'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

Programming project

Intended learning outcomes

After completing the course, students should have:

- insights on how software development is influenced by marketing, sales and business models
- ability to define, set requirements and implement a software product
- ability to briefly introduce and demonstrate a product's core value and unique selling point
- ability to perform a competitor analysis and define a software product related to the analysis
- ability to convert the methodology for A/B testing of software and entrepreneurial programming to concrete design and implementation
- ability to shortly present and demonstrate a products core value and unique selling point
- ability to search for relevant scientific literature related to the task

Course content

Skills: To work with development of code without a clear client. Experience in defining and prioritizing requirements, finalize the software on a market level and explain the functionality. Projects in this course is built on a common technology but the products / services is determined by the student.
Technology: any of the sofar learned techniques, the study of techniques used in the existing state-of-the-art products including open source.

Teaching and working methods

Follows the organization form of projects of the IP program, which is described in the syllabus. The project is individual and the student should perform and report all parts of the project. The examination is made continuously.
The course runs throughout the fall semester.

Examination

| PRA1 | Project work | 10 credits | U, 3, 4, 5 |

Grades

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

Department

Institutionen för datavetenskap

Director of Studies or equivalent

Jalal Maleki

Examiner

Erik Berglund

Education components

Preliminary scheduled hours: 88 h
Recommended self-study hours: 179 h

Course literature

Additional literature

Other

To be decided

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/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.