Software Entrepreneurship

Single subject and programme course

6 credits

Mjukvarutekniskt entreprenörskap

726A85

Valid from: 2020 Autumn semester

Determined by
Course and Programme Syllabus Board
at the Faculty of Arts and Sciences

Date determined
2020-05-05

Main field of study
Information Technology, Computer Science and Engineering, Computer Science

Course level
Second cycle

Advancement level
A1N

Course offered for
- Master Programme in IT and Management

Prerequisites
The course requires that the student has advanced programming skills and good knowledge of any software-related technical field (e.g. computer networks, security, mobile and social applications, AI, signal processing, and computer graphics). The student has also experience from programming projects in teams. The student must also be able to search and organize information, and to communicate orally and in writing.

Intended learning outcomes
The course provides knowledge and abilities in the field of entrepreneurship and software development, with particular focus on the formulation, qualification and realization of ideas into entrepreneurial ventures. After completing the course students will be able to:

- Use methodology for development of innovative software products
- Use business models for software
- Use methods of dissemination and promotion of software
- Use business analysis models for software-oriented entrepreneurship
- Have the ability to communicate a proposal for a software-oriented business writing and orally
- Have good knowledge of the service perspective on software
- Have good knowledge of the financing for the realization of a software-oriented business ideas
- Have good knowledge of intellectual property
- Have a good knowledge of what is required of oneself and others in order to succeed as an entrepreneur.

Course content

- Methodology for the development of innovative software products
- Business models for software
- Methods of dissemination and promotion of software
- Analysis models for software-oriented entrepreneurship
- Oral and written presentation of the software-oriented business ideas
- Service perspectives on software
- Staffing
- Financing
- Intellectual Property

Teaching and working methods

The course is organised in terms of lectures, seminars, and group project work. Lectures introduce parts of the course content. Seminars are used for discussion of case studies and specific elements of the project work. The project culminates in a customer verified idea that solves a genuine problem.

Examination

If the LiU coordinator for students with disabilities has granted a student the right to an adapted examination for a written examination in an examination hall, the student has the right to it. If the coordinator has instead recommended for the student an adapted examination or alternative form of examination, the examiner may grant this if the examiner assesses that it is possible, based on consideration of the course objectives.

Students failing an exam covering either the entire course or part of the course twice are entitled to have a new examiner appointed for the reexamination.

Students who have passed an examination may not retake it in order to improve their grades.

Grades

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

Other information

Planning and implementation of a course must take its starting point in the wording of the syllabus. The course evaluation included in each course must therefore take up the question how well the course agrees with the syllabus.

The course is carried out in such a way that both men´s and women´s experience and knowledge is made visible and developed.

Department

Institutionen för datavetenskap