

Large-Scale Software Development: Contributions and Evolution

Single subject and programme course

6 credits

Storskalig mjukvaruutveckling - bidrag och evolution

726A84

Valid from: 2020 Autumn semester

Determined by

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

Date determined

2020-05-05

Replaced by

726A89

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

Intended learning outcomes

After the course, students shall be able to:

1. Use existing conventions and follow established processes to contribute through software to a distributed, large-scale development project.
2. Present changes and updates so external parties may approve submissions.
3. Create a time plan and monitor progress through a common development project
4. Use appropriate tools for contemporary, large-scale software development
5. Independently acquire new knowledge and skills in order to contribute to a large-scale software project.

Course content

The course entails contributing to a large-scale software project in a team.

Teaching and working methods

Project, seminars, lectures.

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