

## **Software Engineering**

Programutvecklingsmetodik

12 credits

Single subject and programme course

725G64

Valid from: 2022 Autumn semester

|   |   |                                   |
|---|---|-----------------------------------|
| <b>Determined by</b>  | <b>Main field of study</b>                |                                   |
| The Quality Board at the Faculty of Arts and Sciences                                   | Information Systems                       |                                   |
| <b>Date determined</b>  | <b>Course level</b>                       | <b>Progressive specialisation</b> |
| 2011-10-28  | First cycle                               | G2F                               |
| <b>Revised by</b>   | <b>Disciplinary domain</b>                |                                   |
| Chairman of the Course and Programme Syllabus Board at the Faculty of Arts and Sciences | Technology                                |                                   |
| <b>Revision date</b>  | <b>Subject group</b>                      |                                   |
| 2023-01-13  | Informatics/Computer and Systems Sciences |                                   |
| <b>Offered first time</b>   | <b>Offered for the last time</b>          |                                   |
| Autumn semester 2011  |   |                                   |
| <b>Department</b>   | <b>Replaced by</b>                        |                                   |
| Institutionen för datavetenskap   |   |                                   |

## Course offered for

- Master Programme in IT and Management
- Bachelor's programme in Information Systems Analysis

## Entry requirements

General entry requirements for undergraduate studies  
and

Social Studies and Mathematics corresponding to the level in Swedish upper secondary education (Samhällskunskap 1b or 1a1 and 1a2 and Matematik 2a/2b/2c or Matematik B)

and

At least 95 ECTS credits from the programme year 1 and 2

and

Basic programming experience in Java. Basic knowledge in UNIX. Basic knowledge in object-orientation, algorithms, data structures and databases.

## Examination

If special circumstances prevail, and if it is possible with consideration of the nature of the compulsory component, the examiner may decide to replace the compulsory component with another equivalent component.

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 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.

An examiner may also decide that an adapted examination or alternative form of examination if the examiner assessed that special circumstances prevail, and the examiner assesses that it is possible while maintaining the objectives of the course.

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

Three-grade scale, U, G, VG

## 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.

If special circumstances prevail, the vice-chancellor may in a special decision specify the preconditions for temporary deviations from this course syllabus, and delegate the right to take such decisions.