



## KURSPLAN

# Produktutveckling i interdisciplinära team - 1, 3 högskolepoäng

*Product Development in Cross-discipline Teams – 1, 3 credits*

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|------------------------|---------------|---------------------------|-------------------------------|
| <b>Kurskod:</b>        | TP1S29        | <b>Utbildningsnivå:</b>   | Avancerad nivå                |
| <b>Fastställd av:</b>  | VD 2019-06-01 | <b>Utbildningsområde:</b> | Tekniska området              |
| <b>Gäller fr.o.m.:</b> | 2019-08-01    | <b>Ämnesgrupp:</b>        | DT1                           |
| <b>Version:</b>        | 1             | <b>Fördjupning:</b>       | A1F                           |
|                        |               | <b>Huvudområde:</b>       | Informatik, Produktutveckling |

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### Lärandemål

After a successful course, the student shall:

Kunskap och förståelse

- demonstrate comprehension of practical aspects of Agile software product development
- display knowledge of some existing tools for supporting continuous integration and testing

Färdighet och förmåga

- demonstrate the ability to participate cross-discipline teams for software product development

Värderingsförmåga och förhållningssätt

- demonstrate the ability to select appropriate completion criteria for an evolving software product

### Innehåll

The course supports student teams in the specification and delivery of a software product. The requirement for the product may originate from an external company or organisation, from a need internal to the University, or from an original idea from the students. The software product will be developed through an Agile lifecycle, with clearly defined intermediate deliverable points.

### Undervisningsformer

The course will consist primarily of practical work, supported by review seminars and preparation of a written and oral final report.

Students will work in teams.

Undervisningen bedrivs på engelska.

### Förkunskapskrav

Passed courses at least 90 credits within the major subject Informatics or Product Development, and completed course Industrial Product Realization in Collaboration, 6 credits or equivalent.

Proof of English proficiency is required.

## Examination och betyg

Kursen bedöms med betygen 5, 4, 3 eller Underkänd.

The final grade for the course is based on a balanced set of assessments. The final grade will only be issued after satisfactory completion of all assessments.

Poängregistrering av examinationen för kursen sker enligt följande system:

| Examinationsmoment       | Omfattning | Betyg   |
|--------------------------|------------|---------|
| Rapport och presentation | 3 hp       | 5/4/3/U |

## Kurslitteratur

The literature list for the course will be provided one month before the course starts.