

# Software and Service Engineering

**Code:** SCI3069

**Extent:** 20-25 credits

**Language:** English

**Teacher in charge:** Professor Casper Lassenius

**Administrative contact:** Anu Kuusela

**Target group:** All master's students with sufficient prerequisite knowledge.

**Application procedure:** Open for all students of Aalto University

**Quotas and restrictions:** No quotas.

**Prerequisites:** Bachelor-level minor in Computer Science or equivalent knowledge. Please check the prerequisites of the courses before signing up.

## Content and structure of the minor

The minor in Software and Service Engineering provides students with a flexible way of augmenting their major with the basics of software and service engineering. Due to the small number of compulsory courses, students are free to select a set of courses to support their specific interests.

Students select one of the compulsory courses, and additional courses from the recommended elective courses list. Students should check the prerequisites of the courses before signing up.

## Structure of the minor

Code	Name	Credits
Compulsory courses 5 cr		
<a href="#">CS-C3150</a>	Software Engineering	5
OR		
<a href="#">CS-E4900</a>	User-centred Methods for Product and Service Design	5
Elective courses 15-20 cr		
<a href="#">CS-C3180</a>	Software Design and Modelling	5
<a href="#">CS-E4930</a>	Software Processes and Projects	5
<a href="#">CS-E4940</a>	Requirements Engineering	5
<a href="#">CS-E4950</a>	Software Architectures	5
<a href="#">CS-E4960</a>	Software Testing and Quality Assurance	5
<a href="#">TU-E2000</a>	Aalto Introduction to Services	5
<a href="#">CS-E5210</a>	Usability Evaluation	5
<a href="#">CS-E5220</a>	User Interface Construction	5