

# Advanced Web Programming

Programme course

6 credits

Avancerad webbprogrammering

TDDD27

Valid from: 2017 Spring semester

**Determined by**

Board of Studies for Computer Science  
and Media Technology

**Date determined**

2017-01-25

## Main field of study

Information Technology, Computer Science and Engineering, Computer Science

## Course level

Second cycle

## Advancement level

A1N

## Course offered for

- Computer Science and Engineering, M Sc in Engineering
- Industrial Engineering and Management - International, M Sc in Engineering
- Industrial Engineering and Management, M Sc in Engineering
- Media Technology and Engineering, M Sc in Engineering
- Computer Science, Master's programme
- Information Technology, M Sc in Engineering
- Computer Science and Software Engineering, M Sc in Engineering

## Entry requirements

Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

## Prerequisites

Webbprogrammering och interaktivitet.  
Good programming skills.

## Intended learning outcomes

The purpose of this course is to provide practical and conceptual knowledge in the creating of advanced multiuser applications on the web. The students will, after the course, be able to:

- Use programming technologies and systems related to the web application and multi-user application area
- Plan and implement a midsized programming project for 1-2 people.
- Present projects on the web

## Course content

During the course the students will develop a plan, implement and present a mid-sized multi-user application on the web. An emphasis is placed on the reuse of systems and program libraries.

## Teaching and working methods

Project work

## Examination

PRA1      Seminars and project                      6 credits                      U, 3, 4, 5

## Grades

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

## Department

Institutionen för datavetenskap

## Director of Studies or equivalent

Jalal Maleki

## Examiner

Erik Berglund

## Course website and other links

<http://www.ida.liu.se/~TDDD27>

## Education components

Preliminary scheduled hours: 40 h

Recommended self-study hours: 120 h

## Course literature

Material och programdokumentation tillgänglig från leverantörer via webben.

## Common rules

Regulations (apply to LiU in its entirety)

The university is a government agency whose operations are regulated by legislation and ordinances, which include the Higher Education Act and the Higher Education Ordinance. In addition to legislation and ordinances, operations are subject to several policy documents. The Linköping University rule book collects currently valid decisions of a regulatory nature taken by the university board, the vice-chancellor and faculty/department boards.

LiU's rule book for education at first-cycle and second-cycle levels is available at [http://stydokument.liu.se/Regelsamling/Innehall/Utbildning\\_pa\\_grund-\\_och\\_avancerad\\_niva](http://stydokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva).