



## Course syllabus

Faculty of Technology  
Department of Computer Science

2DV099 Lärarinriktning i datavetenskap, 60 högskolepoäng  
Direction in Teachers training program with emphasis on Computer Science, 60 credits

### **Main field of study**

Computer Science, Media Technology

### **Subject Group**

Informatics/Computer and Systems Sciences

### **Level of classification**

First Level

### **Progression**

G2F

### **Date of Ratification**

Approved 2009-09-08

Revised 2013-09-11 by Faculty of Technology. Content, course evaluation and prerequisites are revised.

The course syllabus is valid from spring semester 2014

### **Prerequisites**

Mathematics C, and at least 60 credits in one Direction in Teachers training program or equivalent.

## Objectives

Expected learning outcome is described in the syllabus of each course.

## Content

The course is composed of the following courses:

1ME101 Web design, 15 credits

1ME118 ICT and learning - digital competence and educational tools , 7.5 credits

1ME119 ICT and learning - digital competence and educational tools, advanced, 7.5 credits

1DV006 Problem Solving and Programming, 7.5 credits

1DV007 Programming and Data Structures, 7.5 credits

1DV016 Algorithms and Advanced Data Structures, 7.5 credits

2DV012 Web 2.0 Programming, 7.5 credits

The content is described in each separate syllabus.

## Type of Instruction

See the syllabus for each course.

## Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction

(VG).

The examination is described in each separate syllabus.

On request, students may have their credits translated to ECTS-marks. Such a request must be sent to the examiner before the grading process starts

### **Course Evaluation**

A course evaluation will be carried out and compiled after the course is completed. The compilation will be presented to the current board as well as to the students and filed by the coordinating department.

### **Required Reading and Additional Study Material**

#### **Required reading**

See the syllabus for each course.