



Course syllabus

Faculty Board of Science and Engineering

School of Computer Science, Physics and Mathematics

1MD382 Ämnesdidaktik i svenska/engelska/matematik för VFU-lärare i grundskolans tidiga år, 7,5 högskolepoäng

1MD382 Didactics in the Subjects Swedish/English/Mathematics for In-Service Training Teachers at Primary Sc, 7.5 credits

Main field of study

Mathematics

Subject Group

Mathematics

Level of classification

First Level

Progression

G1F

Date of Ratification

Approved by Organisational Committee 2009-08-11

The course syllabus is valid from spring semester 2010

Prerequisites

To be accepted to the course a teacher's certificate is required.

Objectives

Having completed the course the students should:

- be familiar with the didactics appropriate to each subject and their scholarly prerequisites
- be able to consider the specific problems and possibilities concerning each subject
- have an increased awareness of the significance of in-service training as well as the conditions and forms of the subject didactics of supervision.
- have achieved the ability to use written and spoken Swedish correctly.

Content

The course provides advanced studies in subject didactics for teachers of Swedish/mathematics/English at primary school level. In the course the task of the teacher involved in in-service training and the conditions for supervision are problemized from the perspective of subject didactics.

The student chooses advanced studies in the subject didactics of Swedish or English or Mathematics.

Type of Instruction

Teaching is conducted in the form of lectures and seminars. The teaching is to a large extent based on the students' active participation individually and in groups, which demands attendance at seminars and presentations.

Undervisningen bygger i betydande omfattning på de studerandes aktiva medverkan, individuellt och i grupp, vilket kräver närvaro vid seminarier och redovisningar. To a certain extent the content of the course is covered in connection to the field studies.

Distance teaching is possible. When given as a distance course special forms of distribution are used appropriate for the method of teaching.

Examination

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

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.

The students are examined through written and oral examinations individually and in groups.

Course Evaluation

After the course a written evaluation of the course will take place according to the University guidelines.

Required Reading and Additional Study Material

Required reading

Skolverket, *Läroplan, Kursplan*, www.skolverket.se

Lauvås, Per & Handahl, Gunnar, *Handledning och praktisk yrkesteori*. Lund: Studentlitteratur, 1993.
300 (300) pages.

Mathematics:

Löwing, M & Kilborn, W, *Baskunskaper i matematik - för skola, hem och samhälle*. Studentlitteratur, 2002.
365 (365) pages.

Myndigheten för Skolutveckling:

- Mer än matematik – om språkliga dimensioner i matematikuppgifter. 46 (46) pages.
- Baskunnande i matematik 110(110) pages.
- Matematik – en samtalsguide om kunskap, arbetssätt och bedömning. 68 (68) pages.

Skolverket, *Analysschema i matematik för skolåren före skolår 6*. 40 (40) pages.

Swedish:

Herder, Britta m.fl. *Vad händer med läsningen? En kunskapsöversikt om läsundervisningen i Sverige 1995-2007*, Skolverket, 2007.151 (151) pages.

Fast, Carina, *Literacy: i familj, förskola och skola*.
Studentlitteratur, 2008. 168 (168) pages.

English:

Eriksson, Rigmor & Tholin, Jörgen, *Engelska för livet – Lärares och elevers medvetenhet om språkinläring*,
Almqvist & Wiksell, 1997. 138 (138) pages.

Pinter, Annamaria, *Teaching Young Language Learners*, Oxford University Press,
2006. 180 (180) pages.

A children's or adolescent's book chosen in consultation with the supervisor.