



## Syllabus

### **DT4002.1 Programming, 7.5 credits**

#### **Programmering**

The course is given as course independent of study programme

Syllabus discontinued 23 October 2008

Version 1 in Slukurs. Corresponds to version 1 in Ladok

#### **Syllabus approved**

22 May 2001

The version applies to students admitted from spring 2002 to autumn 2009

The version is not a module version

#### **Subjects**

Computer science

#### **Education cycle**

First cycle

#### **Modules**

<b>Title</b>	<b>Code</b>	<b>Credits</b>
Single module	0101	7.5

#### **Advanced study in the main field**

#### **Grading scale**

Pass / Failed

The requirements for attaining different grades are described in the course assessment criteria which are contained in a supplement to the course syllabus. Current information on assessment criteria shall be made available at the start of the course.

**Language**

Swedish

**Prior knowledge**

Prerequisite is the course Computer Science and Numerical Methods A 5 credits or equivalent, or two years education at the study programme of the Forest Engineering

**Objectives**

The aim of the course is to enter deeply into computer science in the speciality on problem solving and computer programming in Visual Basic.

**Content**

The aim of the course is to give a thorough knowledge of problem solving and computer programming. The students have to obtain knowledge on methods and program development tools being useful in problem solving and writing computer programs. The course will focus on problem solving with the help of computers and writing programs using structured programming.

**Implementation**

The first part of the course involves daily lectures and exercises in theory and practice using the computer. The second part of the course is a project, either in a group or as individual work.

Exercises and projects app 150 h

Lectures app 15 h

**Examination****Requirements for examination**

Written examination.

Passed examination and approved exercises. Marking Scale: Pass / Failed

- If the student fails a test, the examiner may give the student a supplementary assignment, provided this is possible and there is reason to do so.
- If the student has been granted special educational support because of a disability, the examiner has the right to offer the student an adapted test, or provide an alternative assessment.
- If changes are made to this course syllabus, or if the course is closed, SLU shall decide on transitional rules for examination of students admitted under this syllabus but who have not yet passed the course.
- For the examination of a degree project (independent project), the examiner may also allow the student to add supplemental information after the deadline. For more information on this, please refer to the regulations for education at Bachelor's and Master's level.

### **Additional information**

- The right to take part in teaching and/or supervision only applies to the course date to which the student has been admitted and registered on.
- If there are special reasons, the student may take part in course components that require compulsory attendance at a later date. For more information on this, please refer to the regulations for education at Bachelor's and Master's level.

### **Responsible department**

Department of Forest Resource Management

### **Supplementary Information**

*Finalized by:* Programnämnden för skogsvetarprogrammet, Umeå

*Replacement course:* ÖÄ4040