

# Syllabus

for course at first level

**Supplementary course in Computer and Systems Sciences**  
**Kompletteringskurs i data- och systemvetenskap**

**15.0 Higher Education  
Credits**  
**15.0 ECTS credits**

<b>Course code:</b>	ML012C
<b>Valid from:</b>	Autumn 2019
<b>Date of approval:</b>	2008-10-10
<b>Changed:</b>	2019-04-10
<b>Department</b>	Department of Computer and Systems Sciences
<b>Main field:</b>	Computer and Systems Sciences
<b>Specialisation:</b>	G1N - First cycle, has only upper-secondary level entry requirements

## Decision

This syllabus was approved by the head of the department on 2008-10-10. This syllabus was last updated 2019-04-10.

## Prerequisites and special admittance requirements

Basic eligibility

## Course structure

Examination code	Name	Higher Education Credits
KOM1	Supplementary Course in Computer and Systems Sci, assignment	15

## Course content

The course deals with the fields of IT and society, information systems, systems development methods, design and analysis tools, information security, databases and programming languages.  
Detailed descriptions can be found on the department's web site.

## Learning outcomes

After completing the course the student shall:

- have knowledge about information technology's role and affect on society
- be familiar with modeling of information systems at different levels
- have knowledge of database modeling
- be familiar with different design tools
- be able to write programs of reasonable complexity
- have knowledge of basic data security and of vulnerability of information systems.

## Education

The teaching and learning activities in the course are: lectures and seminars. The language of instruction is English. Parts of the activities in the course are distance-based.

## Forms of examination

- The course is examined through assignments.
- The grading for the course is done for the time being according to a seven-level criterion-referenced grading scale:

A = Excellent  
B = Very good  
C = Good  
D = Satisfactory  
E = Sufficient  
Fx = Insufficient  
F = Totally insufficient

c. The course's grading criteria will be announced at the start of the course.

d. To obtain a final grade for the whole course a grade of at least E is required for each of the modules

e. In any case students who:

- are assessed to be close to a pass grade at an exam, are given the opportunity to complete the course. This means that the student by this procedure is able to pass the actual exam but not receive a higher grade. The examiner informs those students who are eligible for course completion when the results of the examination are announced.

The extra assignment for course completion must be left in according to the predetermined date and can only be used for passing the actual examination.

- have passed an examination are not allowed to retake an examination to get a higher grade.  
- have undergone the same examination twice with the same examiner without passing have the right to have another examiner appointed if there are no particular reasons for this not to occur.

### **Limitations**

This course may not be included in a degree together with a course, taken in Sweden or elsewhere, of identical or partially similar content.

### **Misc**

When the course is no longer given or substantially changed the following applies:

- exams that have not been passed should be replaced by other similar exams according to particular replacement plan.  
- The student has the right to be examined according to the course syllabus once a semester for a period of three semesters from the semester after the last course date if replacement exams cannot be allocated.

### **Required reading**

Information about course literature is available on the department's website - [www.dsv.su.se](http://www.dsv.su.se) - at least two months before the start of the course.