



## Course syllabus

Faculty of Technology

Department of Informatics

2IK300 Aktuella problem inom informatik, 7,5 högskolepoäng  
2IK300 Current Topics within Informatics, 7.5 credits

### **Main field of study**

Informatics

### **Subject Group**

Informatics/Computer and Systems Sciences

### **Level of classification**

First Level

### **Progression**

G2F

### **Date of Ratification**

Approved by Faculty of Technology 2019-12-02

The course syllabus is valid from autumn semester 2020

### **Prerequisites**

At least 60 credits in informatics or equivalent.

## Objectives

The learning objectives will be based on the relevance of topics within the field when the course is offered and may vary between different course occasions.

After completing the course, the student is expected to:

- Be able to work with issues related to a specific area within Informatics / Interaction Design.
- Be able to define a problem and design a plan to find a solution.
- Use a method to collect necessary data and analyze it qualitatively or quantitatively.
- Present in writing and oral form results from the development of a project.

## Content

The choice of a subject area for the project is based on the student's interest and in consultation with the course coordinator, namely the content is focused on the:

- Identification of the problem to investigate

- Search for a literature and/or previous similar solutions
- Data collection and analysis
- Report writing
- Oral presentation of the project work throughout the entire project development process

The course can be seen as a preparation for the degree project that follows in the coming semester.

### Type of Instruction

The teaching consists of independent work, individually or in groups of a maximum of two people, with the support of lectures, supervision and seminars. In group essays, the student must be able to account for their individual contributions.

### Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.

The grade A constitutes the highest grade on the scale and the remaining grades follow in descending order where the grade E is the lowest grade on the scale that will result in a pass. The grade F means that the student's performance is assessed as fail (i.e. received the grade F).

There are three milestones to evaluate student work:

1. Project proposal: written and oral presentation that highlights the problem to be investigated in relation to existing similar solutions (1 credits)
2. Project progression: Data collection and analysis / prototype (2.5 credits)
3. Final project report and oral presentation (4 credits)

Milestone 1 and 2 are assessed with Pass or Fail. The course ends with a written report and presentation (milestone 3). Upon approval of milestones 1 and 2, the final grade is assessed by the quality of the written report and the presentation.

Repeat examination is offered in accordance with Local regulations for courses and examination at the first and second-cycle level at Linnaeus University.

If the university has decided that a student is entitled to special pedagogical support due to a disability, the examiner has the right to give a customised exam or to have the student conduct the exam in an alternative way.

### Course Evaluation

During the implementation of the course or in close conjunction with the course, a course evaluation is to be carried out. Results and analysis of the course evaluation are to be promptly presented as feedback to the students who have completed the course. Students who participate during the next course instance receive feedback at the start of the course. The course evaluation is to be carried out anonymously.

### Other

Grade criteria for the A–F scale are communicated to the student through a special document. The student is to be informed about the grade criteria for the course by the start of the course at the latest.

### Required Reading and Additional Study Material

Decided in consultation with the supervisor and examiner.

