



## Course syllabus

Faculty Board of Science and Engineering

School of Computer Science, Physics and Mathematics

5IK010 Informationslogistiskt projekt, 15 högskolepoäng

5IK010 Information logistics project, 15 credits

### **Main field of study**

Informatics

### **Subject Group**

Informatics/Computer and Systems Sciences

### **Level of classification**

Second Level

### **Progression**

A1F

### **Date of Ratification**

Approved by School of Computer Science, Physics and Mathematics 2011-05-27

The course syllabus is valid from autumn semester 2011

### **Prerequisites**

- Bachelor degree in Informatics (minimum 90 credits) and English B or equivalent
- Business contact in a company or public authority, relevant for a project in Information logistics
- Course 4IK010 Information logistics applications, 7.5 credits or equivalent

### **Objectives**

The aim is for the students to develop their ability to methodically apply the acquired knowledge and skills, in order to be able to develop and use information systems in the context of business activities. The focus is on information logistics perspective in processes that comprise knowledge and change management. The theoretical knowledge is deepened within a selected area and at the same time, the theory is applied on a practical work in a company or public authority.

Upon completion of the course, the student should be able to:

- identify, formulate and delimit an actual, information logistic problem in the studied business context
- search, choose and motivate the choice of relevant approaches and methods that

can be used to investigate and solve the problem in co-operation with the company/public authority

- plan and conduct the practical problem solving process
- represent and communicate the obtained results, both in a written report and orally at a seminar
- write an executive summary of the main conclusions in the report
- analyse and assess their own work as well as other students' projects, based on scientific standards.

## Content

The course is based on the co-operation between the academia and working life. The students acquire deepened theoretical knowledge within the subject area of Information logistics, and at the same time they also develop their competence and skills in solving practical problems. The selected project should be relevant for the subject area Information logistics and, what is more, it should also be important for the partner company/public authority so that it makes a significant contribution to the business activities.

Following activities are included in the course:

- Acquirement of deepened theoretical knowledge in a selected area within Information logistics
- Planning of the practical work process and an account of the work conducted during the project
- Application of relevant theories and methods in practical work
- Proficient report writing and oral presentation
- Evaluation of the own work as well as other students' project.

## Type of Instruction

The course combines seminars, tuition and practical work. The teaching aims to train to student to actively seek, gather and examine knowledge, apply this knowledge in practice and discuss the results during seminars.

## Examination

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

The assessment is based on both written reports and oral presentation of the mandatory assignement.

A reexamination is offered for the students that do not pass the examination.

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 at the end of the course in accordance with the guidelines of the University. The result of the course evaluation will be filed at the department.

## Required Reading and Additional Study Material

### Required Reading

The course material consists of course and reference literature and scientific articles, conference papers and similar sources. The student, together with the supervisor and the examiner, will select relevant literature within the area that is selected for the project.

