



## Course syllabus

Faculty Board of Business, Economics and Design

School of Design

1DI202 Designmetoder och designprocesser, 7,5 högskolepoäng

1DI202 Design Methods and Design Processes, 7.5 credits

### **Main field of study**

Design

### **Subject Group**

Design

### **Level of classification**

First Level

### **Progression**

G1F

### **Date of Ratification**

Approved 2009-06-23

Revised 2011-06-14 by School of Design.

The course syllabus is valid from autumn semester 2011

### **Prerequisites**

At least 45 credits in informatics/design/computer science

## Objectives

After completing this course, students:

- have fundamental knowledge about the different phases in the design process and about various design methods
- know when and how the different methods may be used during the design process
- are aware of the methods and processes which help identify the potential application and users of the end product
- are able to decide which design methods are most appropriate for each of the various processes
- have developed such knowledge about the subject of design processes, that they can assess this subject from a scientific and methodical point of view at a basic level

### **Knowledge and understanding**

Students will be able to:

- demonstrate good knowledge and understanding of the importance of various design methods in the different phases of a design process
- explain their choice of methods and procedures during different phases of a design process

### **Ability and skills**

Students will be able to:

- work out a well-functioning design process which includes various design methods
- execute design work independently
- select and use different design methods to solve specific problems
- apply their knowledge about design processes and design methods on product design

### **Evaluation ability and attitude**

Students will be able to:

- critically review, analyze and assess their own work, based on the methodology's significance in the design process
- describe their reflections, applying the terminology which is used in the methodology of the design process and in product design
- critically review and reflect on their choices of various design methods

## **Content**

Fundamental and applied design methodology and design processes.

## **Type of Instruction**

The course includes lectures, workshops, individual laboratory work and seminars. During this course, we use the so-called workbook method.

Compulsory attendance during scheduled course elements.

## **Examination**

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

For the Pass grade, the expected study results must be achieved.

Examination is carried out in the form of a presentation and a demonstration of the course assignments in a physical workbook. Assessment is based on the five dimensions of the workbook, where each dimension may be awarded 1-7 points. The following grades are used: Pass with Distinction (28-35 points), Pass (13-27 points) or Fail (0-12 points).

Re-examination is offered within 6 weeks, within the framework of the regular term schedule. The number of examination opportunities is limited to five.

## **Course Evaluation**

A course evaluation will be carried out at the end of the course, in accordance with the guidelines of Linnaeus University. The evaluation result is compiled into a course report, which is archived at the school's administration office and discussed by the programme board. The result of the evaluation, and any measures taken, will be discussed with the course co-ordinator and presented to the students at the next course meeting.

## Required Reading and Additional Study Material

### **Required reading**

Information is given at the start of the course.