LINKÖPINGS UNIVERSITET

Design Studio II

Designstudio II
12 credits

Programme course

TDDE03

Valid from: 2025 Spring semester

Determined by	Main field of study	
Board of Studies for Mechanical Engineering and Design	Product Development	
Date determined	**Course level**	**Progressive specialisation**
2024-08-28	Second cycle	A1F
Revised by	**Disciplinary domain**	
	Technology	
Revision date	**Subject group**	
	Other Subjects within Technology	
Offered first time	**Offered for the last time**	
Spring semester 2016		
Department	**Replaced by**	
Institutionen för datavetenskap		

Course offered for

- Master of Science in Design and Product Development

Intended learning outcomes

The main objective is for students to develop advanced design knowledge, skills and attitudes in and about design for service systems, within a given challenge area relating to societal and technical contexts. After the completed course the student shall be able to:

- explain and use theory and design practices and methods from design for service systems
- choose and apply appropriate design methods and tools in a real service system context engaging multiple actors in designing
- reflect on design methods and tools in relationship to service systems and cocreation of values
- reflect on a given theme and its implications within the challenge area, based in an account of its central concepts
- integrate and apply disciplinary skills in a multidisciplinary context.
- Develop understanding of the challenge area and contexts from field work and theory, integrating knowledge from several points of view
- Synthesizing and communicating such knowledge for the benefit of the design work.
- Summarizing and presenting design work in online contexts

Through the course the students will also be given the opportunuity to develop their skills and understanding of design critique, design history and responsible design.

Course content

Students will engage with service systems that presents design challenges interconnected across adaptive systems, policy, user/citizen engagement, co-production, and resource integration. Examples of such challenges can be collected from welfare, wellbeing, healthcare and migration.

The content of the course entails synchron and dischron visualization technuiques, static and dynamic prototyping tools, facilitation practices, modelling in service development, cocreation of values, resource integration, social innovation, design critique, responsible design, judgment of design work.

Teaching and working methods

The course is studio based, with supporting lectures, coaching, supervision and seminars. Students will work both in teams and individually. Supervision and coaching are done by faculty, professional designers and challenge domain experts. The challenge will call for multiple interpretations and designs, from highly social over policy-driven to organisational processes. Results will be presented in various formats, partly exhibited online.

Examination

UPG3	Individual thematic exercise	4 credits	U, 3, 4, 5
UPG4	Individual project material	1 credits	U, 3, 4, 5
MOM1	Initial design exercise	1 credits	U, G
PRA1	Design project	6 credits	U, 3, 4, 5

The design process, results and analysis are used as the foundation for assessment. Deliberate and well motivated design judgements, choice and synthesis of methods, problem exploration and solutions are signs of higher quality. Excellent quality is judged based on creative and analytic excellence.

The final grade is calculated as the weighted average of the grades of the part examinations.

Grades

Four-grade scale, LiU, U, 3, 4, 5

Other information

About teaching and examination language

The teaching language is presented in the Overview tab for each course. The examination language relates to the teaching language as follows:

- If teaching language is "Swedish", the course as a whole could be given in Swedish, or partly in English. Examination language is Swedish, but parts of the examination can be in English.
- If teaching language is "English", the course as a whole is taught in English. Examination language is English.
- If teaching language is "Swedish/English", the course as a whole will be taught in English if students without prior knowledge of the Swedish language participate. Examination language is Swedish or English depending on teaching language.

Other

The course is conducted in such a way that there are equal opportunities with regard to sex, transgender identity or expression, ethnicity, religion or other belief, disability, sexual orientation and age.

The planning and implementation of a course should correspond to the course syllabus. The course evaluation should therefore be conducted with the course syllabus as a starting point.

The course is campus-based at the location specified for the course, unless otherwise stated under "Teaching and working methods". Please note, in a campus-based course occasional remote sessions could be included.