Design Research Methods

Single subject and programme course

6 credits

Designforskningsmetoder

769A06

Valid from: 2018 Autumn semester

Determined by
Course and Programme Syllabus Board
at the Faculty of Arts and Sciences

Date determined
2018-04-23

Main field of study
Cognitive Science

Course level
Second cycle

Advancement level
A1N

Course offered for
- Master Programme in Cognitive Science

Entry requirements
- Bachelor's Degree in Cognitive Science equivalent to a Swedish Kandidatexamen
  or
  Bachelor's Degree in Computer Science equivalent to a Swedish Kandidatexamen
  and
  30 ECTS credits in one of the following subject areas
  - Psychology
  - Linguistics
  - Philosophy
  - Neuroscience
  - Anthropology

  or
  Bachelor's Degree in Psychology of Neuroscience equivalent to a Swedish Kandidatexamen
  30 ECTS credits passed in Computer Science

- English and Swedish corresponding to the level of English and Swedish in Swedish upper secondary education (Engelska 6 and Svenska 3)

Intended learning outcomes
On completion of the course, the student should at an advanced level be able to
- analyse and interpret design on the basis of theories of design science research
- problematise different research specialisations and research methods of design and relate them to one another
- interpret and criticise design research projects and assess their scientificity

Course content

The course provides a number of overviews on research in design science. The different existing research specialisations and their methods and techniques are introduced for individual advanced studies, through focus on application in design and product development contexts or to prepare for studies in design research.

The contents of the course extend to systematic, reflexive and critical methods for design research.

The course also provides planning and implementation of studies of and in design, which can be used as a preparatory planning of an individual independent study.

Teaching and working methods

The course consists of seminars and planning of an individual knowledge development project. The students should also study independently.

Examination

The course is examined through an individual written report, and active participation in seminars. Detailed information can be found in the study guide.

If the LiU coordinator for students with disabilities has granted a student the right to an adapted examination for a written examination in an examination hall, the student has the right to it. If the coordinator has instead recommended for the student an adapted examination or alternative form of examination, the examiner may grant this if the examiner assesses that it is possible, based on consideration of the course objectives.

Students failing an exam covering either the entire course or part of the course twice are entitled to have a new examiner appointed for the reexamination.

Students who have passed an examination may not retake it in order to improve their grades.

Grades

Three-grade scale, U, G, VG

Other information

Planning and implementation of a course must take its starting point in the wording of the syllabus. The course evaluation included in each course must therefore take up the question how well the course agrees with the syllabus.

The course is carried out in such a way that both men´s and women´s experience and knowledge is made visible and developed.

Department

Institutionen för datavetenskap