

Syllabus

for course at advanced level

Thick Data

Thick data

7.5 Higher Education

Credits

7.5 ECTS credits

Course code:	ML481N
Valid from:	Autumn 2023
Date of approval:	2019-11-12
Changed:	2023-04-26
Department	Department of Computer and Systems Sciences
Main field:	Computer and Systems Sciences
Specialisation:	A1N - Second cycle, has only first-cycle course/s as entry requirements

Decision

This syllabus was approved by the Head of the Department 2019-11-12 and was last revised on 2023-04-26.

Prerequisites and special admittance requirements

90 ECTS in Computer and Systems Sciences (or the equivalent).

English 6 (or the equivalent)

Course structure

Examination code	Name	Higher Education Credits
THDI	Thick Data, assignments	4
THDP	Thick Data, project work	3.5
THDT	Thick Data, written exam	4

Course content

The course teaches students knowledge about how to employ qualitative data collection and data analysis during the design process. The course prepares the students for engaging with data analysis and to connect qualitative data with the design of creative and immersive artefacts. The course focuses on the student's ability to identify implications for design out-going from the qualitative data that is collected.

Learning outcomes

To pass the course, the student has to be able to:

- Discuss, compare and apply different qualitative data collection methods within a design process.
- Discuss, compare and apply different qualitative data analysis methods within a design process.
- Independently construct and conduct a qualitative design research study with both explorative and evaluative elements.
- Reflect, discuss and evaluate qualitative methods and the designers role within the design process.

Education

The teaching activities in the course are: lectures, supervision sessions and seminars. The language of instruction is English.

Forms of examination

- a. The course is examined through written home exam and project work.

- c. The grading criteria are communicated to the students at the start of the course.
- d. In order to complete the whole course segment the student must obtain at least grade E in all course components/examinations.
- e. In addition the following regulations also apply:

- Students who obtain grade Fx in a written examination task are allowed to complete a supplementary assignment in order to elevate the grade to E.

The examiner informs the concerned students when the results of the written examination are published. The supplementary assignment has to be submitted within a given deadline and can only be utilized to elevate the grade of the actual examination task.

- Students who obtained grade E in an examination task are not allowed to re-write the examination or resubmit the assignment in order to obtain a higher grade.

- Students who have failed the same examination task twice are allowed to have another examiner appointed, unless there are special reasons to the contrary.

Interim

When a course is discontinued, or its contents are substantially altered, the following applies:

- Failed examination tasks are replaced with other similar examination tasks according to a specific plan.
- If no similar examination tasks can be provided, at least three examination opportunities per examination task should be offered during a period of at least three terms from the date of the decision. After this period, no examinations should be carried out on the course.

Limitations

This course may not be included in a degree together with a course, taken in Sweden or elsewhere, of identical or partially similar content.

Required reading

Information about course literature is available on the department's website - www.dsv.su.se - at least two months before the start of the course.