FDM3001 Interdisciplinary Perspectives in HCI 7.5 credits

Tvärvetenskapliga perspektiv inom HCI

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for FDM3001 valid from Spring 2020

Grading scale

P, F

Education cycle

Third cycle

Specific prerequisites

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

- Discuss critically and engage with concepts and academic writing outside of one's home disciplinary ground
- Discuss interdisciplinary methods such as ethnographies, material perspectives and critical methods

- Formulate interdisciplinary research questions and be able to identify collaborations areas between different disciplines

Course contents

HCI is an interdisciplinary field with contributions from diverse disciplines including interaction design, computer science, and social sciences such as anthropology and sociology. Researchers from different disciplines can work together but often speak different languages and have different aims. There is value in coming together and creating common intellectual ground.

This course aims at exposing HCI researchers to different methods and epistemologies and critically engage with them from different disciplines. We will read books that cover topics as diverse as phenomenology, materiality, ethnography, and artificial intelligence. Often the books will already be interdisciplinary themselves, e.g. an ethnography of computer scientists.

Together, the books cover a wide range of modes of methods for understanding social phenomena and individual experiences related to technology, particularly Internet of Things and AI. The content is chosen to engage critically with the readers, providing different points of view related to practices of making and living with technology.

Examination

- EXA1 - Examination, 7.5 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

To complete the course, students must have read 5 books and attended actively 5 seminars.

Other requirements for final grade

The grade is Pass/Fail.

To complete the course, students must have read 5 books and attended actively 5 seminars. In addition, one of these two criteria need to be fulfilled:

- Writing a paper on their research, submitted to some conference or journal, where relevant literature presented in this course is used to substantiate the research
- Writing a short essay with their views on interdisciplinary ways of knowing and of representing social and individual phenomena, and how it relates to their work

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.