



DEPARTMENT OF APPLIED INFORMATION TECHNOLOGY

IT00006 Frontiers in Digital Innovation Research: Phenomena, Theories, and Approaches, 10 credits

Aktuella forskningsperspektiv på digital innovation: fenomen, teorier och angreppssätt, 10 högskolepoäng

Third-cycle level / Forskarnivå

Confirmation

This syllabus was confirmed by the Department of Applied Information Technology on 2020-01-10, and is valid from Spring semester 2020.

Responsible Department

Department of Applied Information Technology, IT Faculty

Entry requirements

General entry requirements for third-cycle studies.

Learning outcomes

On successful completion of the course, participants will have the capacity to design creative research studies of transformative digital innovation phenomena on an advanced level. More specifically, the participants will be able to:

Knowledge and understanding

- *identify* and *analyze* phenomena of relevance for research and practice;

Competence and skills

- *formulate* relevant research questions;
- *develop* appropriate theoretical frameworks;

Judgement and approach

- *assess* methodological options and *select* appropriate methods to leverage different types of data sources;
- *evaluate* methodological design choices;

- *reflect* on contributions of research;
- *recommend* dissemination strategies.

Course content

This PhD course offers an overview of contemporary research in the area of digital innovation. In particular, it showcases a range of theories and approaches that researchers can employ to study the many complex phenomena associated with digital innovation. A range of focus areas are discussed in relation to selected readings and illustrated by Swedish Center for Digital Innovation (SCDI) research projects.

Types of instruction

The course consists of three meetings, hosted by the three SCDI member institutions. The meetings will take the form of lectures and seminars.

Language of instruction

The course is given in English.

Grades

The grade Pass (G) or Fail (U) is given in this course.

Types of assessment

To complete the course, participants are required to write a complete extensive research application, targeting a recognized research funding agency. The assignment is assessed by experienced researchers, with a track record of granted research applications. The examination engages the specified learning outcomes across four general criteria: scientific contribution, practical relevance, originality/ and creativity, and feasibility.

This form of examination is selected to (1) stimulate extensive engagement with the course literature, (2) foster a creative thesis design process, and (3) support long-term career development.

Course evaluation

An anonymous evaluation will be conducted, at the end of the course.

Other information

The course is a collaboration between University of Gothenburg, Umeå university and Stockholm School of Economics. Travel costs in connection with the course are covered by the course participants themselves.