

Infra Informatics - Module Qualitative Research Methods, 2.0 credits

Infraformatik - Kvalitativa forskningsmetoder, 2.0 hp

Third-cycle education course

6FITN66

Department of Science and Technology

Valid from: First half-year 2024

Approved by
The Board of PhD Studies

Approved
2025-03-26

Registration number

Entry requirements

Admitted as a doctoral student.

Specific information

The course aims to

- provide an overview of qualitative research methods and concepts, with a special focus on the methods applied within KTS,
- discuss methodology, tools, and practices for conducting qualitative studies,
- present practical examples of research projects with qualitative approaches within Infra Informatics.

Learning outcomes

After completing the course, participants will be able to:

- describe and categorize various qualitative research methods,
- describe and discuss the suitability, possibilities, and limitations of different qualitative research approaches in relation to certain problem settings,
- identify, select, and plan the necessary steps for conducting a successful research project with a qualitative approach,
- describe and propose research with a qualitative approach within Infra Informatics.

Contents

The following topics will be covered (in varying depth):

- Overarching paradigms and different approaches,
- Case study research,
- Action research and participatory action research,
- Organizational development and user involvement,
- Tools and data collection related to the above.

Educational methods

The course is given during HT2 each year. The schedule consists of:

- A half-day startup meeting, where the common framework for the entire course is presented and the first lecture on the overarching research paradigm and case study research is held.
- Two half-day seminars, with lectures on the course topics and presentations by senior researchers at KTS about projects where qualitative methods have been applied.
- A half-day final meeting, with student presentations and discussions.

Examination

Responsible for the Qualitative Methods course is Sofie Pilemalm.
The examination for the Qualitative Methods course consists of:

- Mandatory participation in the four seminar sessions,
- Conducting, documenting, and presenting an individual assignment, as well as acting as a discussant on someone else's assignment.

Examiner for the course is Mats Janné.

Grading

Two-grade scale

General information

The course is mandatory for all doctoral students in Infra Informatics. It is also open to doctoral students in other fields.