



COURSE SYLLABUS

Research Strategies and Design Problems, 7.5 credits

Forskningsstrategier och designproblem, 7,5 högskolepoäng

Course Code:	FHFSD37	Education Cycle:	Third-cycle level
Confirmed by:	Director of Education May 1, 2017		
Valid From:	Aug 1, 2017		
Version:	1		
Reg number:	2017/1921-41 Forskarskolan för Hälsa och Valfärd/The Research School of Health and Welfare		

Intended Learning Outcomes (ILO)

After completing the course, students should be able, within the areas below, to:

Knowledge and understanding

- demonstrate broad knowledge of design of qualitative and quantitative methods in research studies
- demonstrate familiarity with and understand the importance of the validity and reliability of the design of quantitative studies
- demonstrate familiarity with and understand the importance of the truth value and credibility of the design of qualitative studies.

Skills and abilities

- creatively, independently and within given time frames, plan and design a research study based on adequate theory and research problems
- with scientific accuracy and reflexivity, apply an appropriate design based on the question at issue in a research study.

Judgement and approach

- carry out advanced evaluations of quality based on different research strategies
- assess credibility and validity claims based on different research designs.

Contents

- presentation and discussion of different research designs in quantitative and qualitative research traditions in relation to being able to make valid conclusions
- principles of quantitative research design in relation to internal and external validity, statistical validity and concept validity
- principles of qualitative research design in relation to questions of quality and validity
- critical evaluation of published research studies in relation to design and validity in own chosen research question.

Type of instruction

The course is comprised of lectures and seminars. The course is performed every three terms,

every other time on campus in Swedish and every time web-based in English.

Prerequisites

To be enrolled in the course the student should have 240 credits, 60 of which should be at the advanced level, including a written paper of 15 credits (or the equivalent).

Examination and grades

The course is graded Fail (U) or Pass (G).

The course examination is comprised of individually written papers.

The course examiner is an associate professor or professor.

Other information

Attendance in seminars is mandatory.

The course is run as part-time study unless otherwise stated.

Selection

1. Students registered in the Research School of Health and Welfare
2. Students registered in researcher education from another seat of learning
3. Other applicants: credits (with equal credits, drawing of lots)

Course literature

Creswell, J. (2013). *Qualitative Inquiry and Research Design. Choosing among five traditions*. London: Sage Publications.

Kazdin, A.E. (2003). *Research design in clinical psychology*. (4th edition) Boston: Allyn&Bacon.

Further scientific articles and reports may be added.

The most recent editions of course literature should be used.