



## KURSPLAN

# Research Strategies and Design with Focus on Quantitative Methods, 4,5 högskolepoäng

*Research Strategies and Design with Focus on Quantitative Methods, 4.5 credits*

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Kurskod:	FHRES31	Utbildningsnivå:	Forskarnivå
Fastställd av:	Utbildningsrådet 2021-03-01		
Gäller fr.o.m.:	Hösten 2021		
Version:	1		
Diarienummer:	Research School of Health and Welfare		

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### Lärandemål

Upon completion of the course, the student should have the ability to:

#### Kunskap och förståelse

- explain the importance of validity and reliability of the design of quantitative studies.

#### Färdighet och förmåga

- demonstrate knowledge of different research designs with a focus on quantitative methods
- apply and argue for an appropriate design for a research study, which includes quantitative methods, based on its research question
- assess reliability and validity in relation to different quantitative research designs.

#### Värderingsförmåga och förhållningssätt

- reflect upon the selection of quantitative method in relation to research questions and aims.

### Innehåll

- principles of quantitative research design in relation to internal and external validity, statistical validity, and concept validity
- critical evaluation of research studies in relation to design throughout the research process.
- co-design and co-production in research design
- mixed methods

### Undervisningsformer

The course is comprised of lectures and seminars. The course is a web-based course.

Undervisningen bedrivs på engelska.

### Förkunskapskrav

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

### Examination och betyg

Kursen bedöms med betygen Underkänd eller Godkänd.

The course examination is comprised of individually written papers and seminars. The course examiner is an associate professor or professor.

Poängregistrering av examinationen för kursen sker enligt följande system:

Examinationsmoment	Omfattning	Betyg
Seminars	1,5 hp	U/G
Written individual report	3 hp	U/G

### Kursvärdering

The course coordinator collates and comments on the evaluation before submitting it to the Board of Research Education at the Research School of Health and Welfare at School of Health and Welfare.

### Övrigt

Course is given on a part-time basis.

Selection for admission:

1. Students registered in the Research School of Health and Welfare
2. Students registered in research education at Jönköping University and other partner universities
3. Students registered in research education at another university
4. Other applicants: admission based on the number of credits (the applicants will be selected randomly in the case of equal merits).

### Kurslitteratur

Kazdin, A.E. (2017). *Research design in clinical psychology*. (5th edition). Allyn & Bacon.

Other resources:

Further scientific articles and reports will be added.

The most recent editions of course literature should be used.