

## COURSE SYLLABUS

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

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

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Course Code: FH3RSAD

Education Cycle: Third-cycle level

Confirmed: Sep 03, 2025

Valid From: Jan 19, 2026

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### **Intended Learning Outcomes (ILO)**

After completion of course the student is expected to have below skills and knowledge:

#### **Knowledge and understanding**

- compare different quantitative research designs and how the design choices influence the quality of a study.

#### **Skills and abilities**

- apply and argue for an appropriate design for a research study, that incorporates quantitative methodology.
- evaluate reliability and validity in relation to different quantitative research designs.

#### **Judgement and approach**

- reflect upon the choice of quantitative methods in relation to aim and research questions.

#### **Content**

- principles of quantitative research design.
- constructs in validity and reliability.
- critical evaluation of research studies.
- ethical considerations in quantitative research.

#### **Type of instruction**

The course is implemented through lectures and seminars.

Language of instruction is in English.

#### **Entry requirements**

The applicant must be admitted to a third-cycle programme.

## Examination and grades

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

Examination of the course will be based upon seminars and an individually written assignment.

Registration of examination:

Name of the Test	Value	Grading
Seminars	1.5 credits	G/U
Written assignment	3 credits	G/U

## Other information

Selection for admission:

1. Students registered in a third-cycle programme at Jönköping University.
2. Students registered in a third-cycle programme at another university.

## Course literature

Please note that changes may be made to the reading list up until eight weeks before the start of the course.

Kazdin, A.E. (2024). \ \*Research design in clinical psychology. \* (6th edition). Allyn & Bacon.

Further scientific articles and reports may be added.

The most recent editions of course literature should be used.