



## COURSE SYLLABUS

# Research Design, Strategies, and Ethics, 7.5 credits

*Forskningsdesign, Strategier och Etik, 7,5 högskolepoäng*

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<b>Course Code:</b> HFER23	<b>Education Cycle:</b> Second-cycle level
<b>Confirmed by:</b> Utbildningsrådet Oct 25, 2022	<b>Disciplinary domain:</b> Medicine
<b>Valid From:</b> Aug 28, 2023	<b>Subject group:</b> TR1
<b>Version:</b> 1	<b>Specialised in:</b> A1N
<b>Reg number:</b> Department of Rehabilitation	<b>Main field of study:</b> Occupational Therapy

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### Intended Learning Outcomes (ILO)

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

Knowledge and understanding

- identify and argue for quantitative and qualitative designs and strategies in research studies
- identify and address validity and reliability in designing quantitative research studies
- identify and address trustworthiness in designing qualitative research studies.

Skills and abilities

- design quantitative and qualitative research studies.

Judgement and approach

- assess and evaluate the ethical issues of different research designs and strategies.

### Contents

- research designs and strategies in quantitative and qualitative research traditions
- validity and reliability in quantitative research
- trustworthiness in qualitative research
- ethical issues and considerations in research

### Type of instruction

The course is given as a web-based course, including lectures, resource seminars and group discussions.

The teaching is conducted in English.

### Prerequisites

Bachelor's degree (i.e., the equivalent of 180 credits including a course on scientific method and a passed 15-credit undergraduate thesis) within health and social sciences (or the equivalent).

Proof of English proficiency is required.

### Examination and grades

The course is graded A, B, C, D, E, FX or F.

The students will be examined through participation in two seminars and one individually written report. The examinations are in English.

Registration of examination:

Name of the Test	Value	Grading
Participation in seminar quantitative methods	1.5 credits	U/G
Participation in qualitative methods	1.5 credits	U/G
Individually written report	4.5 credits	A/B/C/D/E/FX/F

### Course literature

Creswell, J.W., & Creswell, J.D. (2018). *Research design: qualitative, quantitative, and mixed method approaches* (5th ed.). SAGE Publications Inc.

DePoy, E., & Gitlin, L. N. (2020). *Introduction to research: understanding and applying multiple strategies* (6th ed.). Elsevier.

Iphofen, R. (Ed.) (2020). *Handbook of research ethics and scientific integrity* (1st ed.). Springer.

The latest editions of the course literature should be used.

In addition: scientific articles and reports depending on main area and chosen research method.