COURSE SYLLABUS
Research Methods 1 in Learning, Digitalization, and Sustainability, 7.5 credits

Research Methods 1 in Learning, Digitalization, and Sustainability, 7,5 högskolepoäng

Course Code:	LL1S23	**Education Cycle:**	Second-cycle level
Confirmed by:	Director of Education Oct 28, 2021	**Disciplinary domain:**	Social sciences
Valid From:	Spring 2023	**Subject group:**	PE1
Version:	1	**Specialised in:**	A1F
		Main field of study:	Education

Intended Learning Outcomes (ILO)

On completion of the course, the student should be able to:

Knowledge and understanding
- describe different perspectives and traditions within the philosophy of science
- explain and discuss the applicability of quantitative methods for learning, digitalization, and sustainability
- explain and discuss the applicability of qualitative methods for learning, digitalization, and sustainability
- explain and analyze the relation between theory and methods in current research about learning and digitalization

Skills and abilities
- formulate research questions that can be researched in a first-year master's thesis
- identify and assess appropriate research methods that can be applied in a first-year master's thesis
- identify and present relevant ethical considerations within the chosen field of research
- design and write a research plan for a first-year master's thesis

Judgement and approach
- critically reflect on the relationship between specific perspectives and traditions within the philosophy of science and specific methods used in research about learning, digitalization, and sustainability
- critically reflect on and discuss the strengths and limitations of specific methods for problems related to research about learning, digitalization, and sustainability
- critically assess relevant ethical considerations and implications in research about learning, digitalization, and sustainability with a focus on the chosen field of research in the first-year master's thesis

Contents
- Philosophy of science
- Quantitative research methodology
- Qualitative research methodology
- Research ethics

Type of instruction
The teaching consists of lectures, seminars and exercises performed individually and in groups.

A learning management system is used.

Students who have been admitted to and registered for a course have the right to receive instruction/supervision for the duration of the time period specified for the particular course instance to which they were accepted. After that, the right to receive instruction/supervision expires.

The teaching is conducted in English.

Prerequisites
At least 10 credits from the master's program LeaDS: Learning, Digitalization, and Sustainability, or equivalent. English proficiency is required.

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

The grades A, B, C, D and E are all passing grades. For courses with more than one element of examination, students are given a final grade based on an overall assessment of all the elements included in the course. The final grade of the course is issued only when all elements of examination have been passed.

The examination is based on the intended learning outcomes.

The course is examined through oral group presentations as well as an individual written assignment.

The examination must allow for students to be assessed on an individual basis. Further information concerning assessment of specific intended learning outcomes and grading criteria is provided at the beginning of the course.

Students are guaranteed a minimum of three attempts to pass an examination, including the regular attempt.

If a student has failed the same examination three times, the student can request that the next attempt be graded by a new examiner. The decision to accept or reject such a request is made by

the associate dean of education. A student may not make a second attempt at any examination already passed in order to receive a higher grade.

In case a course is terminated or significantly altered, examination according to the earlier syllabus shall be offered on at least two occasions in the course of one year after the termination/alteration.

Registration of examination:

Name of the Test	Value	Grading
Group presentation 1[I]	1.5 credits	U/G
Group presentation 2[I]	1 credit	U/G
Group presentation 3[I]	1 credit	U/G
Individual written assignment	4 credits	A/B/C/D/E/FX/F

[I] The presentation is graded Fail (U) or Pass (G).

Course evaluation

The instruction is followed up throughout the course. A course evaluation is conducted at the end of the course. A summary and comments are published in the learning management system. The evaluation constitutes a basis for future improvements to the course.

Course literature

Bruce, Nicola; Snelgar, Rosemary & Kemp, Richard (2016). *SPSS for Psychologists.* Sixth edition. Basingstoke: Palgrave Macmillan. 440 pages.

Chalmers (2013). *What is this thing called science?* 4th edition. Berkshire: Open University Press. 282 pages.

Inglis, David & Thorpe, Christopher (2012). *An invitation to social theory.* Cambridge: Polity. 224 pages.

Kozinets, Robert (2015). *Netnography – Redefined.* London: Sage. 320 pages.

Machin, David & Mayr, Andrea (2012). *How to Do Critical Discourse Analysis: A Multimodal Introduction.* London: Sage. 250 pages.

Neuendorf, Kimberly A. (2017). *The content analysis guidebook.* 2. ed. London: Sage. 456 pages. Articles 200 pages.

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

Reference literature
Citing Sources – How to Create Literature References
http://ju.se/library/search--write/citing-sources---how-to-create-literature-references.html

The Interactive Anti-Plagiarism Guide – Jönköping University
Information about plagiarism at higher education institutions
Available in the learning management system