



## Course syllabus

Faculty of Social Sciences

Department of Pedagogy and Learning

4PP214 Vetenskapliga metoder och utvärdering, 10 högskolepoäng  
Scientific Methods and Evaluation, 10 credits

**Main field of study**

Education

**Subject Group**

Education

**Level of classification**

Second Level

**Progression**

A1F

**Date of Ratification**

Approved 2012-05-28

Revised 2016-10-31 by Faculty of Social Sciences.

The course syllabus is valid from spring semester 2017

**Prerequisites**

NO VALUE DEFINED

### Objectives

The overall aim of the course is that students shall develop their scientific and professional skills. They shall also deepen their knowledge of methods for research and evaluation within the field of special education. Models for scientific knowledge production are introduced and the course is a preparation for the degree project.

After completing the course, students shall be able to:

- critically analyse and take a stand on different research perspectives in the light of history of ideas
- independently identify, analyse and value theoretical perspectives, choice of method and research ethical views on some scientific studies in the field of special education
- on the basis of given presentations of problems, independently choose and motivate appropriate, possible theoretical and methodical ways of approach with presented research ethical considerations
- formulate a purpose and a limited presentation of a problem possible to research, relevant to the special educational practice
- independently and on the basis of a scientific approach, plan a pilot study and argue for the choices made
- describe the function and general principles of evaluation and the link to systematic quality work

## Content

The course consists of the following components:

- different research perspectives in the light of the history of ideas
- scientific theories and analysis tools
- scientific methods on the basis of quantitative and qualitative approach
- research ethics
- definition of purpose and problem
- pilot study
- evaluation and systematic quality work

## Type of Instruction

Teaching is conducted in the form of lectures, seminars, and work and discussions in groups. The extent of the compulsory course components is given in the study guidelines.

## Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

The students' knowledge development and learning is expressed through written and oral communication where ICT is a tool used. Knowledge, understanding, skills and abilities are continuously tested on the basis of the course objectives. A more detailed specification of the examination methods and assessment criteria is given in the course study guide. Irrespective of examination method, it is the individual student's performances that are assessed and graded. In order to receive a grade of Pass, the course objectives must be attained.

## Course Evaluation

After completing the course, a course evaluation is carried out, which is compiled in writing and presented to the students. The course evaluation is conducted anonymously. The results are presented to the departments in question and to the programme council concerned, and are later filed by the course coordinating department.

## Required Reading and Additional Study Material

Ahrne, Göran & Svensson, Peter (Eds.) (2015). *Handbok i kvalitativa metoder*. Malmö: Liber. 150 p. (ch. 1-6, 8, 10, 12-14). ISBN: 9789147112241.

Alderson, Priscilla & Morrow, Virginia (2011). *The Ethics of Research with Children and Young People: a Practical handbook*. Los Angeles: Sage. 88 p. (pp. 11–62; 85–122). ISBN: 9780857021373.

Dahmström, Karin (2011). *Från datainsamling till rapport: att göra en statistisk undersökning*. Lund: Studentlitteratur. 120 p. (pp.13–21; 65–109; 193–262). ISBN: 9789144060279.

Eriksson, Barajas, Katarina, Forsberg Christina & Wengström, Yvonne (2013). *Systematiska litteraturstudier i utbildningsvetenskap: vägledning vid examensarbeten och vetenskapliga artiklar*. 80 pages. (Ch. 1-5). Stockholm: Natur och Kultur. ISBN: 9789127134119.

Fangen, Katrine & Sællerberg, Ann-Mari (Eds.) (2011). *Många möjliga metoder*. Lund: Studentlitteratur. 112 p. (pp.13–100; 145–170). ISBN: 9789144074221.

Lindgren, Lena (2014). *Nya utvärderingsmonstret. Om kvalitetsmätning i den offentliga sektorn*. Lund: Studentlitteratur. 66 p. (ss. 9-42; 49-82). ISBN: 9789144088945.

Molander, Bengt (2003). *Vetenskapsfilosofi en bok om vetenskapen och den vetenskapande människan*. Stockholm: Thales. 285 p. ISBN:9789172350410.

Vetenskapsrådet (2011). *God sed i forskningen*. Stockholm: Vetenskapsrådet. 129 p. ISBN: 9789173071895.

Optional literature included, 500 pages. To be selected in consultation with the examiner.