



## DEPARTMENT OF PSYCHOLOGY

### **PX33005 Survey methodology: Construction of questions, data collection and evaluation of the survey, 7.5 credits**

Enkätmetodik: Frågekonstruktion, datainsamling och utvärdering av enkät, 7,5 högskolepoäng

*Third-cycle level / Forskarnivå*

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### **Confirmation**

This syllabus was confirmed by the Department of Psychology on 2018-09-27, and was last revised on 2022-11-28. The revised course syllabus is valid from Spring semester 2023.

#### ***Responsible Department***

Department of Psychology, Faculty of Social Sciences

### **Entry requirements**

The student must be admitted to the PhD Programme in Psychology, or another subject requiring equivalent knowledge.

### **Learning outcomes**

After completing the course, the PhD student will be able to:

#### ***Knowledge and understanding***

show familiarity with the advantages and disadvantages of survey methodology  
demonstrate good knowledge of potential sources of error and risks in constructing survey questions  
outline appropriate methods for evaluating answers to survey studies

#### ***Competence and skills***

- demonstrate the ability to independently construct questions for index variables, and complete instrument evaluation with respect to reliability and validity
- demonstrate insight about advantages and disadvantages of different sampling methods
- with the help of basic statistics, independently present survey results with respect to item

and instrument validation

### ***Judgement and approach***

- show the ability to make independent judgments about sampling and different degrees of drop out
- show awareness of the assumptions and considerations regarding presentation and interpretation of answers in survey studies
- critically compare different aspects of survey studies

## **Course content**

The course covers both theory and practical application in the field of survey methodology, with focus on structuring question alternatives. The course also covers important elements of the process, from question construction to evaluation of scales, and initial data analysis. Examples of such elements include sampling; dropout analysis; construction of questions and index variables relating to the measurement of attitudes and other psychological concepts. Item analysis, validity and reliability of these measures are also highlighted. Evaluation and results of an independently constructed web survey and collected data are presented with the help of basic statistics.

## **Types of instruction**

Teaching will take place in the form of lectures, seminars and supervision.

### ***Language of instruction***

The course is given in Swedish but can be given in English if necessary.

## **Grades**

The grade Pass (G) or Fail (U) is given in this course.

## **Types of assessment**

A written examination task and an oral presentation

Examination will be in the form of individual written assignments and active participation in seminars. Attendance is mandatory at seminars.

Absence must be compensated according to the course leader's instructions.

A doctoral student, who has failed twice in the same examination, has the right to have another examiner appointed, unless special reasons contradict it. Such a request is to be submitted to the department in writing and granted unless there are special reasons to the contrary. If the course is changed to content and/or literature, examination can be done according to this syllabus within one year of the change. In the event that the course has ceased, it can be examined within one year after the course has last been given. Thereafter, it should be scrutinized in each individual case if examination may be made.

## Course evaluation

The course coordinator is responsible for ensuring that doctoral students are given the opportunity to provide an anonymous, written course evaluation at the end of the course. After the course is finished, the course coordinator writes a course report, which includes a summary of the course evaluation. The course report is processed in the Drafting committee for doctoral studies (FUB) and will be communicated to those doctoral students who completed the course evaluation, as well as the doctoral students who will start the next course. These reports will be made available for doctoral students.