



Course Syllabus:

Psychology Ba (C), Research Methods - Design and Statistical Analysis, 7,5 credits

General data

Code	PS099G
Subject/Main field	Psychology
Cycle	First cycle
Progression	C
Orientation (name)	
Credits	7.5
Progressive specialisation	G2F , First cycle, has at least 60 credits in first-cycle course/s as entry requirements
Answerable institution	Psychology
Adapted	2009-11-25
Established	2015-03-31
Date of change	2016-09-30
Valid from	2017-08-28

Aim

The course aims to deepen knowledge of the quantitative method's data analysis and design, and using interview as way to collect data in the qualitative method.

Course objectives

On completion of this course students will be able to:

Knowledge and understanding

- use statistical software to calculate and interpret ANOVA.
- describe and compare the most frequently used post hoc tests.

Competence and skills

- choose method of analysis of variance based on research question and data.
- based on a given field, plan and carry out a qualitative field survey (qualitative target 8).
- present/report qualitative data

Judgment and approach

- determine when factor and regression analysis can be used, and also interpret and evaluate results using these methods.
- critically review and evaluate qualitative findings.

Content

In-depth studies in ANOVA and multivariate analysis.

Quasi-experimental designs and statistical considerations.

Factor analysis and regression analysis, focusing on knowing how to use and interpret.

The qualitative interview and the qualitative research process.

Qualitative data processing and interpretation of qualitative data.

Entry requirements

Selection rules and procedures

The selection process is in accordance with the Higher Education Ordinance and the local order of admission.

Teaching form

Teaching forms include teaching and group sessions in the statistics part of the course, and supervision and seminars in the qualitative part of the course.

Examination form

Examined through a written examination.

Link to subject-specific grading criteria:

<http://www.miun.se/en/student/services/gradingcriteria>

Grading system

The grades A, B, C, D, E, Fx and F are given on the course. On this scale the grades A through E represent pass levels, whereas Fx and F represent fail levels.

Other information

Attendance at the course seminars, group work, and laboratory session is compulsory. Students not meeting the requirement of compulsory attendance may be given the opportunity to make up the work missed the next time the course is offered.

Course reading

Required literature

Author: Dancey, C. P., & Reidy, J.

Title: Statistics without maths for psychology

Edition: Senaste upplagan/latest edition

Publisher: Trans Atlantic Publications

Author: Howitt, D.

Title: Introduction to qualitative methods in psychology

Edition: Senaste upplagan/latest edition

Publisher: Pearson Custom Publishing

Author: Lantz, A.

Title: Intervjumetodik

Edition: Senaste upplagan/latest edition

Publisher: Studentlitteratur AB

Author: Shadish, R.W., Cook, & Campbell.

Title: Experimental and Quasi-Experimental Designs

Edition: Senaste upplagan/latest edition

Publisher: Houghton Mifflin

Comment: Kapitel ett till och med tio, 340 sidor

Author: Willig, C.

Title: Qualitative Interpretation and Analysis in Psychology

Edition: Senaste upplagan/latest edition

Publisher: Open University Press