General Research Methodology: Data, Design and Analysis

Mandatory PhD course in methodology, 22,5 hp

Course Syllabus

Aims

The course aims to give a general and advanced training for quantitative research that deals with research design and data analysis for behavioral data.

Contents

The course is divided into two seperate parts:

Research design and statistics (15 credits): Philosophy of Science, correlation design, experimental and quasi-experimental design, statistical analysis: Analysis of variance, regression analysis, factor analysis, time series, structural equation modeling.

Psychological measurements with measurement theory (7,5 credits): In principle and in respect of different types of data.

Teaching

Teaching consists of lectures, seminars and exercises.

Examination

Wtitten test and assignments.
Grading: Pass and Fail.