Invitation to HEAD Methods, 7.5 course credits

Dates: November 12 to February 26 (see attached timetable).

Course manager: Björn Lidestam (bjorn.lidestam@liu.se).

Aim and scope
The general idea behind this course is to present various methods, some of which of special relevance to research on hearing and deafness. However, graduate students from other fields of research will also find the contents relevant and are welcome to participate.

General methods
Both qualitative and quantitative methods, stemming from various disciplines, will be presented and examined. This will provide an opportunity for both acquiring a broad overview of methods and approaches, and for learning to master special methods of specific relevance to the individual dissertation plans. Combinations of, and comparisons between, qualitative and quantitative methods will be discussed. Other general methods lectures include overviews of qualitative and quantitative methods, respectively; quantitative designs; overview of inferential statistics; regression analyses; ANOVA and ANCOVA; multivariate statistics; meta-analysis; content analysis; conversation analysis; assessment of development; signal detection theory; and neuroimaging.

Clinical research aspects
More general aspects of clinical research will also be addressed: epidemiology, meta-analysis, small n research, ethics and ethics applications.

Hearing and deafness aspects
Most lecturers do research on hearing and deafness, so examples from this field will be given. Some lectures also specifically address research on hearing and deafness: quality research in rehabilitative audiology, and auditive presentation of test materials for persons with hearing impairments.

Examination
The examination will be twofold, allowing for both special in-depth studies of methods potentially useful and relevant to the individual dissertation plans, and also a broad orientation into research methods not as obviously relevant to the individual dissertation plans.

Applications to join the course should be made before the 2nd of November to:

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