

MEVN32, Medical Sciences: Supplementary Course in Biostatistics, 1.5 credits

*Medicinsk vetenskap: Biostatistisk kompletteringskurs, 1,5
högskolepoäng*

Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The Master's Programmes Board on 2016-04-26 to be valid from 2016-07-01, autumn semester 2016.

General Information

Main field of studies

Speech and Language Pathology

Audiology

Depth of study relative to the degree requirements

A1N, Second cycle, has only first-cycle course/s as entry requirements

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Learning outcomes

Competence and skills

On completion of the course, the students shall be able to

- critically assess research publications and their conclusions in relation to the statistical methods used
- assess if the statistical requirements for the completed analyses have been satisfied, and identify possible sources of error/bias based on the study design and completed analyses

Course content

The course includes critical assessment of research studies based on the study design, completed statistical analyses, presentation of results and conclusions.

Course design

The studies on the course are characterised by active information searching, problem solving, reflection and critical analysis. The method used is supervised individual work.

Assessment

The assessment is based on an individual take-home exam in the form of a critical review of two scientific articles using a quantitative design.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, Pass.

Entry requirements

To be admitted to the course, students must have a degree of Bachelor in audiology or speech and language pathology of at least 180 credits including a degree project of 15 credits, and the course AUDN72 Scientific Methodology I, 6 credits, or LOGN72 Scientific Methodology I, 6 credits.

Subcourses in MEVN32, Medical Sciences: Supplementary Course in Biostatistics

Applies from H16

1601 Biostatistics/review of scientific papers, 1,5 hp
Grading scale: Fail, Pass