



LUND
UNIVERSITY

Faculty of Medicine

MEVN38, Medical Sciences: Pediatric Audiology, 10 credits

Medicinsk vetenskap: Barnaudiologi, 10 högskolepoäng

Second Cycle / Avancerad nivå

Details of approval

The syllabus was approved by The Master's Programmes Board on 2018-01-23 to be valid from 2018-01-23, autumn semester 2018.

General Information

The course is an elective component of the Master of Medical Science programme (120 credits)

Language of instruction: English

Main field of studies

Audiology

Depth of study relative to the degree requirements

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

Learning outcomes

Knowledge and understanding

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

- explain the connections between communication, language and cognition in children with hearing loss
- compare different hearing aids and adaptations including approach and classroom acoustics in pre-school and school
- reflect on multiple disabilities and hearing loss, and the rights and school types of children

Competence and skills

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

- account and argue for how an optimally timely and continued habilitation should be designed, including both communicative and linguistic advice and hearing aid, and other adaptations of aids and surroundings
- plan for investigation and intervention from a holistic perspective including assessment and adaptation of aids as well as counselling with regard to environmental factors, approach, and the communicative strategies and skills of children with hearing loss

Judgement and approach

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

- identify the personal need of further knowledge and continuously develop their skills in paediatric audiology

Course content

The course enables students to integrate previously acquired knowledge in audiology, psychology, acoustics and linguistics and acquire specialised knowledge of habilitation/rehabilitation and societal interventions of children with hearing loss. The student should also develop a command of the specific consequences of hearing loss for the growing child in order to be able to carry out qualified activities within paediatric audiology in clinical and educational contexts.

The course covers the following field:

Investigation

- subjective and objective methods and models for assessment from a holistic perspective

Hearing aids and children

- counselling and support to parents of children with hearing loss and hearing aid
- habilitation of children with hearing loss
- Cochlear implant (CI) and children
- counselling and support to parents of children with hearing loss and CI
- habilitation of children with hearing loss/deafness and CI

Intervention

- subjective and objective methods and models for assessment and evaluation
- intervention in different environments, assistive listening devices and the psychoacoustics of the classroom
- educational adaptation
- prevention among children and adolescents

Cognition, communication, hearing and language

- communicative strategies and skills
- connections between hearing, language and cognitive development of children with hearing loss and/or other disabilities
- multiple disabilities and hearing loss
- children's rights and different school types

Course design

The teaching consists of lectures, independent knowledge acquisition, workshops and study visits. Compulsory components are indicated in the timetable.

Assessment

The assessment is based on a written exam.

If there are specific reasons, other forms of assessment may be applied.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Grades

Marking scale: Fail, Pass.

Entry requirements

Degree of Bachelor of Science in Audiology or Bachelor of Medical Science in Audiology