



**Karolinska
Institutet**

Course syllabus for

Hearing Rehabilitation, 21 credits

Hörselrehabilitering, 21 hp

This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.

Please note that the course syllabus is available in the following versions:

Spring2018 , Spring2019 , Spring2024

Course code	1AU060
Course name	Hearing Rehabilitation
Credits	21 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Audiology
Level	G2 - First cycle 2
Grading scale	Pass, Fail
Department	Department of Clinical Science, Intervention and Technology
Decided by	Utbildningsnämnden CLINTEC
Decision date	2017-10-26
Revised by	Education committee CLINTEC
Last revision	2023-10-10
Course syllabus valid from	Spring 2024

Specific entry requirements

Admission to the course requires that the student completed at least 45 credits from semester 1-2 as well as a Pass grade on the courses Hearing assessment 1 and Hearing assessment 2.

Students who fail the clinical training (VFU) / equivalent as a result of demonstrating such a serious lack of knowledge, skills or attitudes that patient safety or patient confidence in healthcare is at risk, is qualified to a new opportunity only when the action plan has been established and completed.

Objectives

The general aims of the course are to give the student knowledge and understanding about the audiological rehabilitation process from technical, educational and psychological aspects.

The expected learning outcomes of the course

After completing the course, the student should be able to

- assess different individual's psychological, technical and medical needs of rehabilitation and based on this argue for choice of rehabilitation actions

- plan, carry out and document hearing rehabilitation based on the individual's needs and preconditions
- explain, analyse and compare technical functions in different kinds of hearing aids and how these can influence the individual's hearing situation
- identify and choose suitable assistive listening devices based on the individual's need and preconditions
- evaluate hearing rehabilitation by both objective and subjective methods of measurement.
- assess the ear canal status before impressioning and carry out impressioning under supervision
- carry out insertion gain measurements and analyse the measurement result
- explain how the professional conversation can be adapted to hearing impaired people and their relatives
- carry out group education and reflect over one's own and others' ability to teach
- reflect on one's own patient approach and communicate with, and meet individuals with a professional attitude

Content

The concepts of professional attitude and counseling are treated in relation to psychological knowledge, self-knowledge and compassion. The student should be able to demonstrate the ability to turn theoretical facts to practical exercises, skills training and clinical education but also to be able to describe explain and analyse practical knowledge in theoretical arguments. Hearing pedagogical elements are included in the form of group teaching and reflection on professional conversations tailored to the hearing impaired person and its relatives. The course builds further on the courses in hearing assessment and technical aspects of hearing aids. The course constitutes basis for future courses in audiological counseling, hearing habilitation and clinical education.

The following parts are included:

Hearing rehabilitation, 14.5 hp

Grading scale: GU

The part includes theoretical starting points for hearing rehabilitation such as choice of hearing aid, prescription of gain, hearing aid fitting and quality assurance via different means of assessment. Furthermore, the acoustics of the ear mold, impressioning, choice and adjustment of ear mold is treated. Teaching about cochlear implants and other technical solutions be given. Rehabilitation planning is highlighted from the interdisciplinary concept hearing rehabilitation, and teaching is given about the measures that are taken in different phases of the rehabilitation process. The course also includes medical records management and documentation. Professional attitude is focused on in relations to psychological knowledge, self-knowledge and compassion. Patient treatment is trained with the aim of becoming aware of one's own attitude and the structure of the professional dialogue. Emphasis is placed on adherence and empathetic ability in the meeting with the patient. Education is reviewed with focus on the learning of adults and older people. Special conditions for communicating information and knowledge to people with hearing impairment and their relatives are included in the teaching. Practical exercises in keeping performances and teaching groups are included in the moment.

Placement and skills training, 6.5 hp

Grading scale: GU

The part focuses on skills that concern hearing rehabilitation both as educational and conversational aspects at work. The skills training include impressioning, insertion gain measurements and programming of hearing aids.

Teaching methods

Lectures, self tests, skills training, workshops, own group education, seminars and clinical education are included in the course. Skills training, workshops, own group education, seminars and clinical education are compulsory. Before skills training may be carried out, respective self tests should be passed.

In case of absence from compulsory part, the student is responsible for contacting the course director for a complementary assignment.

The course director assesses how absence from compulsory education elements can be taken again.

Before the student has participated in the compulsory parts or has replaced compulsory education, in accordance to the instructions of the course director, the final study results cannot be reported.

Absence from a compulsory education element may lead to that the student can not recover the occasion until next time the course is given.

Examination

Part 1: Hearing rehabilitation 14,5 HE credits

Written examination

Group education

Seminar

Part 2: Placement and skills education 6.5 HE credits

Clinical education

Clinical tests

Active participation in skills training and seminars

For a Pass grade in the course, satisfactory attendance at compulsory parts is also required.

For a Pass grade in the course, attendance and active participation in compulsory parts are also required. Students who do not pass a regular examination are entitled to re-sit the examination on five more occasions. Each time the course is offered, one regular examination and two additional examinations are given. If the student has failed six examinations/tests, no additional examination is given. Each occasion the student participates in the same test counts as an examination. Submission of a blank exam paper is regarded as an examination. In case a student is registered for an examination but does not attend, this is not regarded as an examination.

For students who not have passed on the clinical education is offered another period of placement, i.e. total two periods of placement

The examiner may with immediate effect interrupt a student's clinical education, or the equivalent, if the student demonstrates such serious deficiencies in knowledge, skills or attitudes that patient safety or patient confidence in healthcare is at risk. When placement is interrupted in this way it implies that the student fails on current parts and that one clinical rotation opportunity is used up.

At a failure on placement should an individual action plan be established where it appears which activities and examinations that are required before the student is given possibility to new placement in this course.

Transitional provisions

Examination can take place according to an earlier literature list during a time of one year after the date when a renewal of the literature list has been made. Examination will be provided during a time of two years after a possible close-down of the course.

The course has been discontinued and was given for the last time in the spring semester 2019.

Examination according to this syllabus will be given for the last time in the autumn semester 2024 for students who have not completed the course with a passing result.

Other directives

Course evaluation will be carried out according to the guidelines that are established by the Board of Higher Education. Course evaluation is carried out both through a written course evaluation at the end of the course and through oral course forum at least once in connection with course where students can state their opinions.

Literature and other teaching aids

Fogle, Paul T.; Flasher, Lydia V.

Counseling skills for speech-language pathologists and audiologists

2nd ed. : Clifton Park, N.Y. : Delmar, 2011. - 1 v.

ISBN:978-1-4354-9936-2 (pbk.) LIBRIS-ID:12335804

[Library search](#)

Dillon, Harvey

Hearing aids

2nd ed. : Sydney : Boomerang Press, c2012. - xvi, 608 p.

ISBN:978-1-60406-810-8 LIBRIS-ID:13487753

[Library search](#)

Bolstad, August

Handbok i lärande : hur du lär ut för att andra ska lära in

2., [oförändrade] uppl. : Lund : Studentlitteratur, 2011 - 254 s.

ISBN:978-91-44-07496-2 LIBRIS-ID:12130552

[Library search](#)

Audiology : treatment

Valente, Michael; Hosford-Dunn, Holly; Roeser, Ross J.

2. ed. : New York : Thieme, cop. 2008 - xiii, 528 s.

ISBN:978-1-58890-520-8 (US : alk. paper) LIBRIS-ID:10918894

[Library search](#)

Taylor, Brian; Mueller, H. Gustav.

Fitting and dispensing hearing aids

San Diego : Plural Publishing Inc., c2011. - ix, 441 p.

ISBN:9781597563475 LIBRIS-ID:17054389

[Library search](#)

Scientific articles and other materials will be added.