



**Karolinska
Institutet**

Course syllabus for

Hearing Rehabilitation 1, 15 credits

Hörselrehabilitering 1, 15 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:

Spring2012 , Spring2013 , Spring2014 , Spring2015 , Spring2016 , Spring2024

Course code	1AU036
Course name	Hearing Rehabilitation 1
Credits	15 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	Programnämnd 4
Decision date	2011-11-02
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. Furthermore, 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, laboratory sessions and clinical education but also to be able to describe

explain and analyse practical knowledge in theoretical arguments. The course builds further on the courses in hearing assessment and technical aspects of hearing aids. The course constitutes basis for future courses in hearing rehabilitation, hearing habilitation and clinical education.

The expected learning outcomes of the course

After completing the course, the student should be able to

- explain, analyse and compare different technical functions in 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
- assess different individuals' psychological, technical and medical needs of rehabilitation and based on this argue for choice of rehabilitation actions
- plan, carry out, document and evaluate hearing rehabilitation by both objective and subjective methods of measurement, based on the individual's need and preconditions
- reflect on one's own patient approach and communicate with, and meet individuals with a professional attitude
- assess the ear canal status before impressioning and carry out impressioning under supervision
- carry out insertion gain measurements and analyse the measurement result.

Content

The following parts are included:

Hearing rehabilitation, 8.5 hp

Grading scale: GU

The part includes theoretical starting points for hearing aid fitting 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. On the basis of video recordings and observation, patient treatment is trained with the aim of becoming aware of one's own attitude and the structure of the dialogue. In connection to dialogue training, teaching on meeting people in crisis is given. Further, the course includes counseling and training in the professional conversation. Strong emphasis is placed on compliance and empathetic ability in contact with the patient. For positions concerning ethical dimensions, the audiologist's ethical code is covered in examples from every-day life.

Clinical education and laboratory assignments, 6.5 hp

Grading scale: GU

The part focuses on skills that concern hearing aid fitting both as educational and conversational aspects at work. The laboratory sessions include insertion gain measurements, hearing aid prescription and impressioning and role plays with video recording and practise of counseling strategies.

Teaching methods

Lectures, self tests, laboratory sessions, workshops, seminars and clinical education. Laboratory sessions, workshops, seminars and clinical education are compulsory. Before laboratory session 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 8.5 HE credits

Written examination

Part 2: Placement and laboratory assignments 6.5 HE credits

Placement

Preclinical tests

Active participation in laboratory sessions 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 2016.

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 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](#)

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 may be added.