



**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	Programnämnd 4 (Audionom- och Logopedprogrammen)
Last revision	2012-10-22
Course syllabus valid from	Spring 2013

## Specific entry requirements

For admission to the course the student have had completed at least 80 % (48 credits) of courses at semester 1 and 2.

## 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 assistive listening devices and how these can influence the individual's hearing situation.
- assess different individuals' psychological, technical and medical needs of rehabilitation and based on this argue for choice of rehabilitation actions
- based on the individual's need and preconditions plan, carry out, document and evaluate hearing rehabilitation measures both with objective and with subjective methods of measurement,
- reflect on one's own patient approach and to by means of counseling communicate with and meet individuals with a professional attitude
- independently assess the ear canal status before impressioning and carry out impressioning
- independently carry out insertion gain measurements and analyse the measurement result.

## Content

The following parts are included:

**Hearing rehabilitation, 8.5 hp** 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. **Placement and laboratory assignments, 6.5 hp** 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, laboratory sessions, workshops, seminars and clinical education. Certain parts of the teaching are compulsory.

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

The course director assesses if, and in that cases 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 coordinator, the final study results cannot be reported.

Absence from a compulsory education element can imply that the student can not recover the occasion until next time the course be given.

## Examination

Part 1: Hearing rehabilitation 8.5 HE credits

Written test

Written examination

Part 2: Placement and laboratory assignments 6.5 HE credits

Placement

**Clinical tests/OSCE**

Active participation in laboratory sessions and seminars

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

For students who have not passed the regular examination, possibility for re-examination is offered at a total of six examinations, of which the three last in connection to the next occasion when the course is given. As examination, the times are counted the student participated in the same test. Supplementary qualification of written assignment is counted 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.

## **Other directives**

Study supervision will be provided containing assessment criteria for examination, specific instructions for certain tasks and timetable with specification of compulsory parts and list of responsible teachers.

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](#)

### **Hörapparaturprovning**

*Borрьd, Agneta; Smeds, Karolina; Leijon, Arne*

1. uppl. : Bromma : CA Tegnér AB, cop. 2000 - 352 s.

ISBN:91-630-9498-3 (inb.) LIBRIS-ID:8364995

[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](#)

**Hearing aids : standards, options, and limitations**

*Valente, Michael*

2. ed. : New York ; a Stuttgart : Thieme, 2002. - IX, 425 S.

ISBN:3-13-102732-0 (Stuttgart) LIBRIS-ID:8530864

[Library search](#)

**Strategies for selecting and verifying hearing aid fittings**

*Valente, Michael*

2. ed. : New York ; a Stuttgart : Thieme, 2002. - XI, 395 S.

ISBN:3-13-125802-0 (Stuttgart) LIBRIS-ID:8530873

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