Course syllabus for

**Medical Audiology 2, 6 credits**
Medicinsk audiologi 2, 6 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:
Autumn 2008, Spring 2010

<table>
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<th>Course code</th>
<th>1AU007</th>
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<tbody>
<tr>
<td>Course name</td>
<td>Medical Audiology 2</td>
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<tr>
<td>Credits</td>
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<tr>
<td>Form of Education</td>
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<td>Main field of study</td>
<td>Audiology</td>
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<tr>
<td>Level</td>
<td>G1 - First cycle 1</td>
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<tr>
<td>Grading scale</td>
<td>Fail (U) or pass (G)</td>
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<tr>
<td>Department</td>
<td>Department of Clinical Science, Intervention and Technology</td>
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<tr>
<td>Decided by</td>
<td>Programnämnden för audionomprogrammet</td>
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<td>Decision date</td>
<td>2007-10-04</td>
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<td>Course syllabus valid from</td>
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**Specific entry requirements**

Specific entry requirements according to the programme syllabus of the Study Programme in Audiology, 180 HE credits.

**Objectives**

The general aim of the course is that the student should acquire basic knowledge of the anatomy of the balance system, physiology and pathology and age-related aspects of hearing impairments. This knowledge is the basis of courses in audiology diagnostics and rehabilitation. Learning outcomes of the course On completion of the course, the student should be able to - account for the embryology, anatomy, physiology and pathology of the balance system - describe medical, psychological and social aspects of the natural aging. - account for common diseases and disabilities in elderly people and for the aging from an audiological perspective, - account for noise-preventive measures - carry out otoscopy under supervision.

**Content**
The course deals with the embryology, anatomy, physiology and pathology of the balance system. The course also deals with the natural aging from aspects such as perception, cognition, learning and motor function. Further, the course clarifies common diseases and function disabilities in elderly people. Further, gerontology and geriatrics with an emphasis on the aging from an audiological perspective, are treated. It also includes theoretical knowledge of noise prevention. The placement includes auscultation at ear and hearing clinic, balance clinic and otoscopy, otomicroscopy and determining ear status. Patient cases clarifying various pathological conditions associated with audiogram configuration are brought up.

**Teaching methods**

Lectures, seminars and placement.

**Examination**

Examination takes place through Take-home examination Seminar presentation of a patient case For a Pass grade in the course, satisfactory attendance at compulsory parts is also required. In case of absence from a compulsory part, the student gets an individual complementary assignment determined by the course coordinator. Students who have not passed the regular examination are offered two re-examinations in connection with the regular opportunity. After that, an examination opportunity is provided before or during semester 3. All in all, there is a possibility of six examinations, the last two in connection with the next regular course.

**Transitional provisions**

Examination may take place under the previous reading list during a period of one and a half years after the date of the renewal of the reading list. Examination will be provided during a period of three years after a close-down of the course.

**Other directives**

A study guide is distributed, comprising assessment criteria for examination, specific instructions for certain tasks, and a timetable specifying compulsory parts and a list of responsible teachers. Course evaluation will be carried out in accordance with the guidelines established by the Board of Education. Course evaluation will be carried out both through a written course evaluation at the end of the course, and through an oral course forum at least once in connection with the course, where the students may express their opinions. The course replaces AUOA34, Medical audiology 2

**Literature and other teaching aids**

*Dehlin, Ove*

*Gerontologi :b åldrandet i ett biologiskt, psykologiskt och socialt perspektiv*

[Library search](#)

*Karlsson Espmark, Ann Kristin*

*Hearing problems in the elderly : outsider and insider perspectives of presbyacusis*

Göteborg, c 2002 : 2002 - 55 s.  
[Library search](#)

*Textbook of hearing aid amplification*
Sandlin, Robert E.
Library search

Weinstein, Barbara E.
Geriatric audiology
New York ; a Stuttgart : Thieme, 2000 - xvi, 332 s.
ISBN:3-13-108111-2 (Stuttgart) LIBRIS-ID:8278986
Library search

Yrsel : ett tvärvetenskapligt perspektiv
Bergenius, Johan
Lund : Studentlitteratur, 2000 - 158 s.
ISBN:978-91-44-00442-6 (5. tr.) LIBRIS-ID:8352612
Library search

Gelfand, Stanley A.
Essentials of audiology
ISBN:1-58890-017-7 LIBRIS-ID:8328255
Library search

Helander, Jan
Att leva medan tiden går : om då, nu och sedan
Library search

A textbook of audiological medicine : clinical aspects of hearing and balance
Luxon, Linda M.
Library search

Møller, Aage R.
Hearing : its physiology and pathophysiology
ISBN:0-12-504255-8 LIBRIS-ID:4544590
Library search