



LUND
UNIVERSITY

Faculty of Medicine

AUDA29, Audiology - Introductory Course II, 16 credits *Audiologisk grundkurs II, 16 högskolepoäng* First Cycle / Grundnivå

Details of approval

The syllabus was approved by The Rehabilitation Programmes Board on 2017-11-28 and was last revised on 2022-09-15. The revised syllabus applies from 2022-09-15, spring semester 2023.

General Information

The course is part of the Bachelor's programme in Audiology, is compulsory for the Degree of Bachelor of Science in Audiology and is offered in semester 2. It complies with the regulations of the Higher Education Ordinance (SFS 1993:100) with later amendments.

Language of instruction: Swedish

Main field of studies

Audiology

Depth of study relative to the degree requirements

G1F, First cycle, has less than 60 credits in first-cycle course/s as entry requirements

Learning outcomes

The main aim of the course is for students to acquire increased knowledge of the field of audiology and of key concepts in audiology as well as to acquire basic communication skills and audiological methods of measurement, to continuously develop their own ability and to prepare for subsequent components in the programme. The course builds on Audiology - Introductory Course, Semester 1, and consists of five components: Audiological habilitation, rehabilitation and diagnostics, phonetics, audiological methods of measurement (clinical component), the field of audiology, profession and communication.

Knowledge and understanding

On completion of the course, the student shall be able to:

- account for key issues and concepts in relation to hearing impairments and the

prevention of hearing loss (audiological habilitation, rehabilitation and diagnostics)

- provide a general account of the classification (ICF) and relevant statutes in relation to hearing loss (audiological habilitation, rehabilitation and diagnostics)
- account for the foundations of phonetics from an articulatory, acoustic, perceptive and phonological point of view with special consideration to the conditions of the hearing impaired (phonetics)
- account for the difference between sensorineural, conductive and combined hearing loss in relation to the audiogram (audiological methods of measurement - clinical/practical instruction)
- account for psychoacoustic examination methods for conductive, sensorineural or combined hearing loss (audiological methods of measurement - clinical/practical instruction)
- demonstrate basic knowledge of parts of the audiological field of knowledge (the field of audiology)
- demonstrate basic knowledge of issues in the profession (profession and communication)

Competence and skills

On completion of the course, students shall be able to

- acquire new knowledge described with the tools studied (audiological habilitation, rehabilitation and diagnostics)
- interpret basic patterns on a spectrogramme (phonetics)
- apply basic diagnostic methods of measurement of hearing such as pure tone audiometry (air and bone conduction including masking and otoscopy) and paediatric audiometric screening (audiological methods of measurement - clinical/practical instruction)
- at a basic level, communicate with and inform people who are to complete a hearing test (audiological methods of measurement - clinical/practical instruction)
- at a basic level, interpret if the pure-tone audiogram shows conductive, sensorineural or combined hearing loss (audiological methods of measurement - clinical/practical instruction)
- provide a general account of the hearing tests carried out on children 0-6 years old (audiological methods of measurement - clinical/practical instruction)
- collect, evaluate and present knowledge from scientific sources in accordance with instructions (the field of audiology)
- within the scope of the group, use some signs to support communication with patients (profession and communication)

Judgement and approach

On completion of the course, the students shall demonstrate an ability to:

- reflect on and discuss possible situations, phenomena and issues from a professional perspective (audiological habilitation, rehabilitation and diagnostics)
- actively and consciously search and discuss relevant knowledge (the field of audiology)
- within the scope of the group, discuss communication with patients, relatives, colleagues, other audiological actors, the surrounding world and media, (profession and communication)
- in connection with clinical activities, demonstrate a well-judged, empathetic and professional approach (profession and communication)

Course content

1. Audiological habilitation, rehabilitation and diagnostics

This component includes the concepts of habilitation, rehabilitation and diagnostics as well as an introduction to ICF and how the same underlying disease can cause different forms and grades of disability, which affects needs assessments.

2. Phonetics

The component focuses on the production, acoustics and comprehension of speech as well as cochlear aspects.

3. Audiological methods of measurement - clinical/practical instruction

This component includes instructions for the implementation and interpretation of pure tone audiometry (air and bone conduction including masking and otoscopy) and paediatric audiometric screening. The clinical component prepares students for Audiological Diagnostics I - clinical/practical instruction.

4. The field of audiology

The student is to read and present the contents of a previous Master's thesis.

5. Profession and communication

The component consists of professional approaches from the perspective of the profession and the patient, therapeutic approach, presentation techniques, oral presentation and sign language.

Course design

1. Lectures, auscultation in an audiology setting and a seminar. The component concludes with a seminar based on the content covered in the lectures and in the auscultation.
2. Lectures and laboratory sessions. The component concludes with a written exam.
3. Lectures, skills training, paediatric hearing screening under supervision. The component concludes with a practical exam.
4. Theses are chosen from a specific selection and are distributed so that individual theses are read two by two. The same students write a summary according to instructions and present them at a final seminar.
5. Lectures and skills training. The component concludes with a seminar.

Assessment

1. For the grade of Pass on the component, students must actively participate in the final seminar.
2. For the grade of Pass on the component, students must actively participate in the laboratory sessions and have been awarded a Pass on the written exam.
3. For the grade of Pass on the clinical component, students must have completed and passed the practical exam with standard patients and have completed and passed the paediatric hearing screening.
4. For the grade of Pass on the component, students must have been awarded the grade of Pass on the summary and on the oral presentation at a seminar.
5. For the grade of Pass on the component, students must have attended all

components, have been awarded a Pass on the auscultation report and have actively participated in the final seminar for the course.

One exam and one opportunity to retake the exam are arranged upon completion of the course. Students who do not achieve a Pass on either of these occasions will be able to retake the examination at a later date.

If a clinical component (Component 3) is re-taken, the student is offered another training session. If the course is re-taken, the same rules apply as for ordinary clinical training. Assessment of the course may take place earlier if the student commits serious errors during clinical training because of gaps in knowledge or skill. An individual plan will be drawn up for a student who fails early assessment. The discovered gaps are to be listed, the support available to the student described and the time of examination and any re-examination of the shortcomings stated. Clinical training may only be resumed when the student has demonstrated that the shortcomings have been remedied.

New examiner

A student who has twice failed the exam for a course or course component is entitled to have another examiner appointed, unless there are special reasons to the contrary. (SFS 2006:1053). The request is to be made to the programme director.

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.

Subcourses that are part of this course can be found in an appendix at the end of this document.

Grades

Marking scale: Fail, Pass.

Entry requirements

To be admitted to the course, students must have been admitted to the Bachelor's programme in Audiology.

Subcourses in AUDA29, Audiology - Introductory Course II

Applies from V18

- 1701 Audiological Rehabilitation, Habilitation and Diagnostics, 2,0 hp
Grading scale: Fail, Pass
- 1702 Phonethics, 4,0 hp
Grading scale: Fail, Pass
- 1703 Audiological Evaluation - Clinical/Practical Education, 6,5 hp
Grading scale: Fail, Pass
- 1704 The Audiological Field of Science, 1,5 hp
Grading scale: Fail, Pass
- 1705 Profession and Communication, 2,0 hp
Grading scale: Fail, Pass