



Faculty of Medicine

## MEVN37, Medical Sciences: Preventive Audiology, 5 credits

*Medicinsk vetenskap: Preventiv audiologi, 5 högskolepoäng*

Second Cycle / Avancerad nivå

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### Details of approval

The syllabus was approved by The Master's Programmes Board on 2018-01-23 to be valid from 2018-01-23, autumn semester 2018.

### General Information

The course is an elective component of the Master of Medical Science programme (120 credits)

*Language of instruction:* English

*Main field of studies*

Audiology

*Depth of study relative to the degree requirements*

A1N, Second cycle, has only first-cycle course/s as entry requirements

### Learning outcomes

#### Knowledge and understanding

On completion of the course, the students shall be able to

- account for laws, regulations and recommendations concerning exposure to noise and hearing protection, and societal initiatives concerning work-related hearing loss
- account for and compare the properties and fields of use of different types of hearing protection
- explain the effects of medication on hearing

### **Competence and skills**

On completion of the course, the students shall be able to

- explain different models for hearing loss prevention from an international perspective
- propose and argue for a reasonable working model in a given situation
- apply knowledge of the properties and fields of use of different types of hearing protection in individual counselling
- critically review, assess and use relevant information, and discuss new facts, phenomena and issues and so contribute to development of the field

### **Judgement and approach**

On completion of the course, the students shall be able to

- reflect on and interrogate the field of genetics and hearing, and associated ethical issues
- identify the personal need of further knowledge and continuously develop their skills in preventive audiology.

### **Course content**

The course enables students to acquire new knowledge and skills in preventive audiology and integrate this with previously acquired knowledge in audiology, psychology, acoustics and linguistics in order to conduct hearing loss prevention.

The course covers the following field:

- Genetics and hearing
- Medication and hearing
- Exposure to noise and hearing
- Work-related hearing loss
- Laws and regulations concerning noise
- Models for hearing loss prevention from an international perspective
- Hearing protection, properties and fields of use
- Counselling with regard to audiological prevention

## **Course design**

The teaching consists of literature studies, information searches, lectures, seminars and work on individual written reports. Compulsory components are indicated in the timetable.

## **Assessment**

The assessment is based on an oral and a written presentation. For a Pass on the course, the student must have passed the oral assessment, the written report on a chosen specialisation and the report of an assignment at an assessed seminar.

If there are specific reasons, other forms of assessment may be applied.

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.

## **Grades**

Marking scale: Fail, Pass.

## **Entry requirements**

Degree of Bachelor of Science in Audiology or Bachelor of Medical Science in Audiology