



**Karolinska
Institutet**

Course syllabus for

Degree project in audiology, 15 credits

Examensarbete i audiologi, 15 hp

This course syllabus is valid from autumn 2010.

Please note that the course syllabus is available in the following versions:

Autumn2010 , [Spring2011](#) , [Spring2012](#) , [Spring2013](#) , [Spring2014](#) , [Spring2015](#) , [Spring2016](#) ,
[Spring2017](#) , [Spring2018](#) , [Spring2019](#) , [Spring2020](#) , [Spring2023](#) , [Spring2024](#)

Course code	1AU021
Course name	Degree project in audiology
Credits	15 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Audiology
Level	G2 - First cycle 2
Grading scale	Fail (U) or pass (G)
Department	Department of Clinical Science, Intervention and Technology
Decided by	Programnämnd 4
Decision date	2010-05-05
Course syllabus valid from	Autumn 2010

Specific entry requirements

Specific entry requirements according to the programme syllabus of the Study Programme in Audiology, 180 HE credits. For admission to the course, Pass grades in courses in the Study Programme in Audiology are required, comprising at least 120 credits, including: all courses in the main field of study from semesters 1 and 2 (a total of 40.5 credits) the course Hearing rehabilitation 1 (22.5 credits) in addition, at least 15 credits in the main field of study from courses in semesters 3 - 5, and the courses Science 1-5 (a total of 12 credits).

Objectives

The overall purpose of the course is to give the student deeper knowledge within one specific area of audiology but also to obtain practical and theoretical understanding of the research process. The student should also after completing the course, be able to relate to a scientific paper from a scientific perspective. The learning outcomes After completing the course the student should: Be able to describe the construction of a scientific project, Be able to seek, critically examine, compare, analyze and in writing summarize scientific audiological literature, Be able to carry out an independent scientific survey in the shape of a scientific project, with the help of a supervisor, including choice of experimental design and methods for collecting data, Be able to analyze collected data with suitable basic quantitative and/or qualitative methods, Be able to write and defend a scientific report, Show a

critical and self-critical attitude towards his/her own and others scientific texts, Show a self-critical attitude by understanding, and responding to, others opposition of his/her own scientific essay, Be able to integrate in-depth theoretical knowledge and practical skills in research and development within the area of audiology.

Content

The course follows the course Scientific Methods 6 where the student have written a project plan for his/hers thesis project. The course begins with a final discussion about the project plans and an introduction to and exercises in essay writing. The main part of the course consists of an independent project carried out with the help of a supervisor. The end of the course are dedicated to the critical review of another students essay, alterations of the essay as well as preparations for the final examination. The course includes the ability to receive, understand and respond to opposition on your own scientific essay (Bachelor degree project).

Teaching methods

The main part of the course is dedicated to the actual implementation of the project. This includes meetings with the designated/appointed supervisor. The course also contains seminars which offer opportunities to discuss progress, setbacks and follow-up of the writing process, the role of the supervisor and other topics. There will also be opportunities to have individual discussions with the course director. The course is concluded with a defence of the essay in a seminar.

Examination

The course will be examined by: The handing in of a written scientific essay (Bachelor degree project)
Oral defence of the scientific essay To pass the course the student also needs to: Be present at all compulsory parts of the course The student who does not pass the course at the first examination opportunity will be offered a new examination opportunity at a later time, by agreement with the supervisor and the examiner.

Transitional provisions

Assessment can happen according to earlier list of literature during a time of one and a half year after a renewal of the list of literature is done. Assessment will be provided during a time of three years after a possible closure of the course.

Other directives

Study guidance containing criteria of judgment for the clinical education, specific instructions for duties and a schedule with specification of mandatory aspects and a list of responsible teachers. Course evaluation will be implemented according to the guidelines that is conclusive of the Board for education. Course evaluation is implemented partly through a written evaluation at the end of the course, partly through verbal course forums in connection with the course.

Literature and other teaching aids

Bell, Judith

Introduktion till forskningsmetodik

Nilsson, Björn

4., [uppdaterade] uppl. : Lund : Studentlitteratur, 2006 - 265 s.

ISBN:91-44-04645-6 LIBRIS-ID:10238108

URL: <http://www.studentlitteratur.se/omslagsbild/artnr/3702-04/height/320/width/320/bild.jpg>

[Library search](#)

Bjurwill, Christer

A, B, C och D : vägledning för studenter som skriver akademiska uppsatser

Lund : Studentlitteratur, 2001 - 100 s.

ISBN:91-44-01574-7 LIBRIS-ID:8352991

[Library search](#)

Brace, Nicola; Kemp, Richard; Snelgar, Rosemary

SPSS for psychologists : a guide to data analysis using SPSS for Windows (versions 12 and 13)

3. ed. : Basingstoke : Palgrave Macmillan, 2006 - xviii, 450 s.

ISBN:1-4039-8787-4 (hft.) LIBRIS-ID:9971180

[Library search](#)

Day, Robert A.; Gastel, Barbara

How to write and publish a scientific paper

6., [updated and enlarged] ed. : Cambridge : Cambridge University Press, 2006 - xv, 302 s.

ISBN:0-521-67167-1 (hft.) LIBRIS-ID:10148844

[Library search](#)

Ejlertsson, Göran

Statistik för hälsovetenskaper

Lund : Studentlitteratur, 2003 - 275 s.

ISBN:91-44-03123-8 LIBRIS-ID:8353333

[Library search](#)

Hansson, Sven Ove

Vetenskap och ovetenskap : om kunskapens hantverk och fuskverk

2. uppl. : Stockholm : ePan, 2003 - 157 s.

ISBN:91-7297-622-5 LIBRIS-ID:9326938

[Library search](#)

Hansson, U.C.

Vad är en vetenskaplig artikel?

Karolinska Institutet, Universitetsbiblioteket, 2002

URL: [Länk](#)

Helgesson, Gert

Forskningsetik för medicinare och naturvetare

Lund : Studentlitteratur, 2006 - 262 s.

ISBN:91-44-04414-3 LIBRIS-ID:10164939

[Library search](#)

Holme, Idar Magne; Solvang, Bernt Krohn; Nilsson, Björn

Forskningsmetodik : om kvalitativa och kvantitativa metoder

2., [rev. och utök.] uppl. : Lund : Studentlitteratur, 1997 - 360 s.

ISBN:978-91-44-00211-8 LIBRIS-ID:8352553

[Library search](#)

Kvale, S

Den kvalitativa forskningsintervjun

Lund : Studentlitteratur, 1997 - 306

ISBN:91-4400185-1

[Library search](#)

Ludvigsson, Jonas F.

Att börja forska - inom medicin och vårdvetenskap

Lund : Studentlitteratur, 2002 - 352 s.

ISBN:91-44-01644-1

[Library search](#)

Patel, Runa; Davidson, Bo

Forskningsmetodikens grunder : att planera, genomföra och rapportera en undersökning

3., [uppdaterade] uppl. : Lund : Studentlitteratur, 2003 - 149 s.

ISBN:9789144022888 LIBRIS-ID:8868468

[Library search](#)

Schiavetti, Nicholas; Metz, Dale Evan

Evaluating research in communicative disorders

5th ed : Boston, MA : Allyn and Bacon, 2006 - xiv, 447 s.

ISBN:0-205-33772-4 LIBRIS-ID:4710890

[Library search](#)