



**Karolinska
Institutet**

Course syllabus for

Degree project in audiology, 15 credits

Examensarbete i audiologi, 15 hp

This course syllabus is valid from spring 2019.

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](#) , [Spring2025](#)

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	Pass, Fail
Department	Department of Clinical Science, Intervention and Technology
Decided by	Programnämnd 4
Decision date	2010-05-05
Revised by	Education committee CLINTEC
Last revision	2018-10-16
Course syllabus valid from	Spring 2019

Specific entry requirements

Admission to the course requires that the student has a Pass grade in all courses for semester 1-4 as well as for Scientific Methods 3 and 4.

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
- seek, critically examine, compare, analyze and in writing summarize scientific audiological (or related fields relevant to audiology) literature
- 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
- analyze collected data with suitable basic quantitative and/or qualitative methods
- 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
- integrate in-depth theoretical knowledge and practical skills in research and development within the area of audiology

Content

The course follows on the course Scientific methods 4 in which student has written a project plan for the coming project work. The course starts with a final discussion about the project plan and an introduction to and exercise in essay-writing. The main part of the course consists of an independent project work under supervision. The end of the course is devoted to critical review, revision of the essay and preparations before the examination that completes the course. The course also includes to be able to receive, understand and objectively counter critical review on one's own degree project.

Teaching methods

The main part of the course is dedicated to the actual implementation of the project work. This includes meetings with the designated/appointed supervisor. The course also contains lectures and 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.

The course director assesses how absence from compulsory education elements can be accounted for. Before the student has participated in the compulsory parts or has replaced compulsory education, in accordance to the instructions of the course director, the final study results cannot be reported.

Absence from a compulsory education element may lead to that the student can not recover the occasion until next time the course is given.

Examination

The course will be examined by:

The handing in of a written scientific essay (Bachelor degree project)

Oral defence of the scientific essay

Critical review on another student's 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

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

Assessment criteria for examination, specific instructions for certain tasks and timetable with specification of compulsory parts and list of responsible teachers may be found on Pingpong on the first

day of the course.

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

Recommended literature

Under the title of recommended readings are suggestions of books on scientific methods and essay writing.

Bell, Judith; Waters, Stephen

Introduktion till forskningsmetodik

5., [uppdaterade] uppl. : Lund : Studentlitteratur, 2016 - 311 s.

ISBN:9789144110622 LIBRIS-ID:18719204

[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](#)

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](#)

Ludvigsson, Jonas F.

Att börja forska - - inom medicin, bio- och vårdvetenskap

2. uppl. : Studentlitteratur AB, 2015 - s.

ISBN:9789144097367 LIBRIS-ID:17877457

[Library search](#)

Brace, Nicola; Kemp, Richard; Snelgar, Rosemary

SPSS for psychologists and everybody else

Sixth edition. : Basingstoke, Hampshire : Palgrave Macmillan, 2016. - 419 pages

ISBN:978-1-137-57922-5 LIBRIS-ID:19510735

[Library search](#)

Gastel, Barbara

How to Write and Publish a Scientific Paper

Cambridge Univ Pr, 2017 - 348 s.

ISBN:978-1-316-64043-2 LIBRIS-ID:20917705

[Library search](#)

Kvale, Steinar; Brinkmann, Svend

Den kvalitativa forskningsintervjun

3. [rev.] uppl. : Lund : Studentlitteratur, 2014 - 412 s.

ISBN:9789144101675 LIBRIS-ID:16763239

[Library search](#)

Patel, Runa; Davidson, Bo

Forskningsmetodikens grunder : att planera, genomföra och rapportera en undersökning

4., [uppdaterade] uppl. : Lund : Studentlitteratur, 2011 - 149 s.

ISBN:978-91-44-06868-8 LIBRIS-ID:12180090

[Library search](#)

Orlikoff, Robert F.; Schiavetti, Nicholas; Metz, Dale Evan

Evaluating research in communication disorders

Seventh edition : Boston : Pearson, [2015] - xvii, 480 pages

ISBN:9780133352016 LIBRIS-ID:19962114

[Library search](#)

Nordenström, Jörgen

Evidensbaserad medicin i Sherlock Holmes fotspår

4., [omarb.] uppl. : Stockholm : Karolinska University Press, 2007 - 106 s.

ISBN:978-91-85565-12-2 LIBRIS-ID:10352883

[Library search](#)

Ejlertsson, Göran

Statistik för hälsovetenskaperna

2., moderniserade och utök. uppl. : Lund : Studentlitteratur, 2012 - 303 s.

ISBN:978-91-44-07048-3 LIBRIS-ID:13374003

URL: [Övningsmaterial](#)

[Library search](#)

Trost, Jan

Att vara opponent

2., [uppdaterade] uppl. : Lund : Studentlitteratur, 2013 - 66 s.

ISBN:9789144095066 LIBRIS-ID:14673582

[Library search](#)

Information about evaluation information:

<https://kib.ki.se/en/search-evaluate/evaluating-information>

Scientific papers and books belonging to the topic of the essay.