



**Karolinska
Institutet**

Course syllabus for

Degree Project for Master's Degree (60 credits) in Audiology, 30 credits

Examensarbete för magisterexamen i audiologi, 30 hp

This course syllabus is valid from autumn 2017.

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

Autumn2016 , Autumn2017 , Autumn2020

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|----------------------------|---|
| Course code | 2QA247 |
| Course name | Degree Project for Master's Degree (60 credits) in Audiology |
| Credits | 30 credits |
| Form of Education | Higher Education, study regulation 2007 |
| Main field of study | Audiology |
| Level | Second cycle, contains degree project for Master of Arts/Master of Science (60 credits) |
| Grading scale | Fail (U) or pass (G) |
| Department | Department of Clinical Science, Intervention and Technology |
| Decided by | Board of Higher Education |
| Decision date | 2016-02-11 |
| Revised by | Education committee CLINTEC |
| Last revision | 2016-12-08 |
| Course syllabus valid from | Autumn 2017 |

Objectives

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

- identify and delimit a problem independently as well as formulate a research question relevant for the subject audiology
- plan, carry out, compile, draw conclusions and present the results of an own research study orally and in writing in the form of a scientific manuscript written in either Swedish or English and intended for publication within given time frames
- demonstrate advanced ability to search and review, evaluate and use relevant information from a scientific perspective critically as well as discuss new facts, phenomena and issues with different groups
- make assessments with regard to relevant scientific, social and ethical aspects
- have developed an understanding of research ethics and reflected around research-ethical dilemmas and apply this in an own research study
- demonstrate an understanding of current research and development work and knowledge of the

relationship between science and proven experience and its importance for the professional practice

- give constructive criticism of the thesis of a fellow student as opponent at a seminar
- show the skills required to participate in research and development work

Content

The student should independently, with consultative supervision, carry out a qualitative or quantitative study including all components in research process: literature search, preparation of issues, data collection, data processing, interpretation and presentation. The study should be carried out and the manuscript is written individually and in either Swedish or English. The extent and the quality of the study should correspond to an article intended for a scientific journal within the audiological field. The report is presented, and is reviewed at an examination seminar.

Teaching methods

The teaching includes literature studies, seminars and independent project work under supervision.

Examination

To pass the course, an approved scientific report as well as an oral presentation and defense of the study is required. Furthermore, the student should publicly discuss on another student's thesis. At larger deficiencies, the grade failed is given. Minor deficiencies can possibly be corrected after the instructions of examiner.

Transitional provisions

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

Other directives

Course evaluation is carried out according to the guidelines that are established by the Board of education

Literature and other teaching aids

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](#)

Hulley, Stephen B

Designing clinical research

2013

LIBRIS-ID:15213039

Irwin, David; Pannbacker, Mary H.; Lass, Norman J.

Clinical research methods in speech-language pathology and audiology

2nd ed. : San Diego : Plural Pub., c2014. - xix, 333 p.

ISBN:9781597565080 LIBRIS-ID:19887339

[Library search](#)

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

Evaluating research in communicative disorders

6th ed., International ed. : Upper Saddle River, N.J. : Pearson Education, 2010. - xvi, 432 p. 23 cm.

ISBN:978-0-13-214688-3 (pbk.) LIBRIS-ID:12479841

[Library search](#)

Gastel, Barbara; Day, Robert A.

How to write and publish a scientific paper

Eighth edition : Santa Barbara, Calif. : Greenwood, 2016 - xxi, 326 p.

ISBN:9781440842627 LIBRIS-ID:19371018

[Library search](#)

Helgesson, Gert

Forskningsetik för medicinare och naturvetare

Lund : Studentlitteratur, 2010 - 262 s.

ISBN:978-91-44-06337-9 LIBRIS-ID:11909234

[Library search](#)

Brace, Nicola; Kemp, Richard; Snelgar, Rosemary.

SPSS for psychologists

5. ed. : Basingstoke : Palgrave Macmillan, 2012. - xi, 470 p.

ISBN:0230362729 LIBRIS-ID:12750273

[Library search](#)

Howell, David C.

Fundamental statistics for the behavioral sciences

8. ed., international ed. : Belmont, Calif. : Wadsworth, Cengage Learning, 2014. - xvii, 649 p.

ISBN:9781285076935 LIBRIS-ID:17046410

[Library search](#)

Kvale, Steinar; Brinkmann, Svend

Den kvalitativa forskningsintervjun

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

ISBN:9789144101675 LIBRIS-ID:16763239

[Library search](#)

Krippendorff, Klaus.

Content analysis : an introduction to its methodology

3rd ed. : Thousand Oaks, Calif. : SAGE, 2012. - 1 v.

ISBN:1-4129-8315-0 144.99 LIBRIS-ID:12766953

[Library search](#)

Corbin, Juliet M.; Strauss, Anselm L.

Basics of qualitative research : techniques and procedures for developing grounded theory

4th edition : Los Angeles : SAGE, 2015 - xviii, 431 s.

ISBN:9781412997461 LIBRIS-ID:17803202

[Library search](#)