



**Karolinska
Institutet**

Course syllabus for

Scientific methods 1 - scientific writing, 1.5 credits

Vetenskap 1 - vetenskapligt skrivande, 1.5 hp

This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.

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

Spring2011 , Spring2012 , Spring2013 , Spring2014 , Spring2015 , Spring2016 , Spring2024

| | |
|----------------------------|---|
| Course code | 1AU030 |
| Course name | Scientific methods 1 - scientific writing |
| Credits | 1.5 credits |
| Form of Education | Higher Education, study regulation 2007 |
| Main field of study | Audiology |
| Level | G1 - First cycle 1 |
| Grading scale | Pass, Fail |
| Department | Department of Clinical Science, Intervention and Technology |
| Decided by | Programnämnd 4 |
| Decision date | 2010-11-10 |
| Revised by | Programme Committee 4 |
| Last revision | 2013-11-04 |
| Course syllabus valid from | Spring 2014 |

Specific entry requirements

Specific eligibility according to The Programme syllabus of The Study Programme in Audiology 180 credits.

Objectives

The course is included in a scientific streak which includes total 15 HE credits and runs through all study programme. The general aim with the scientific streak is to provide the student knowledge in research methodology and skills in scientific working method. The part that contains scientific methodology is also integrated in other courses within the program. The specific aim of this course – Scientific methods 1 – is to give the student training to read and summarise scientific literature and to write scientific text.

The expected learning outcomes of the course

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

- Critically review scientific articles in medical audiology or audiology diagnostics,
- Write a scientific text based on scientific articles within a specific part of the subject area medical audiology or audiology diagnostics.

Content

The course includes basic scientific methodology. The main part of the course consists of own literature search and production of scientific text based on scientific articles within a delimited field linked to medical audiology or audiology diagnostics. The course furthermore deals with the structure of a scientific article and introduction to reference management.

Teaching methods

Lectures, supervision and seminars. Seminars are compulsory.

In case of absence from compulsory part, the student is responsible for contacting the course director for a complementary assignment.

The course director assesses how absence from compulsory education elements can be replaced. 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

Written assignment

For a Pass grade in the course, attendance at compulsory parts is also required.

For students who have not passed the regular examination, possibility for re-examination is offered at a total of six examinations, of which the three last in connection to the next occasion when the course is given. As examination, the times are counted when the student has participated in the same test. Supplementary qualification of written assignment is counted as an examination.

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 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 carried out according to the guidelines that are established by the Board of Higher Education. Course evaluation is carried out both through a written course evaluation at the end of the course and and through oral course forum at least once in connection with course where students can state his opinions.

Literature and other teaching aids

Schött, Kristina

Studentens skrivhandbok

2., [uppdaterade] uppl. : Stockholm : Liber, 2007 - 176 s.

ISBN:978-91-47-08459-3z 978-91-47-08459-6 LIBRIS-ID:10459144

URL: <http://www.liber.se/productimage/large/21167690.jpgz> Omslagsbild

This book is course literature throughout the whole scientific streak.

[Library search](#)

Hansson, U.C. (2002). Vad är en vetenskaplig artikel? (in Swedish)

Downloaded 2012-10-11 from <http://ki.se/content/1/c4/54/02/Vetenskaplighet.pdf>

Scientific articles and other additional materials may be added.

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](#)

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](#)

In-depth literature

Ludvigsson, Jonas F.

Att börja forska - inom medicin och vårdvetenskap

Lund : Studentlitteratur, 2002 - 352 s.

ISBN:91-44-01644-1

This book is course literature throughout the whole scientific streak.

[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](#)

Day, Robert A.; Gastel, Barbara

How to write and publish a scientific paper

7. ed. : Santa Barbara, Calif. : Greenwood, 2011 - xxi, 300 s.

ISBN:9780313391972 (pbk.) LIBRIS-ID:12238385

[Library search](#)