



**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	Education committee CLINTEC
Last revision	2023-10-10
Course syllabus valid from	Spring 2024

## **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 and active participation in compulsory parts are also required. Students who do not pass a regular examination are entitled to re-sit the examination on five more occasions. Each time the course is offered, one regular examination and two additional examinations are given. Each occasion the student participates in the same test counts as an examination. Supplementary qualification of written assignment is counted as an examination. In case a student is registered for an examination but does not attend, this is not regarded 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.

The course has been discontinued and was given for the last time in the spring semester 2016. Examination according to this syllabus will be given for the last time in the autumn semester 2024 for students who have not completed the course with a passing result.

## 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

*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](#)

*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/2116769o.jpgz> Omslagsbild

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## **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.*

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*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

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*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

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