



DEPARTMENT OF EARTH SCIENCES

NGEO310 Writing Science, 5 credits

Att skriva vetenskap, 5 högskolepoäng

Third-cycle level / Forskarnivå

Confirmation

This syllabus was confirmed by the Department of Earth Sciences on 2019-12-12, and is valid from Spring semester 2020.

Responsible Department

Department of Earth Sciences, Faculty of Science

Entry requirements

Admitted to third cycle education.

Learning outcomes

On successful completion of the course, the third-cycle student is expected to be able to:

Knowledge and understanding

- understand the structure of a scientific article and how to construct a scientific article.
- learn to differentiate between different types of articles and gain insight into the peer review and publishing processes.

Competence and skills

- write and develop own scientific texts in English with in-depth knowledge of text structure, scientific storytelling and what target group of readers one has.
- review and analyze other scientists texts and provide constructive, process-oriented response.
- develop own texts following response from course mates and teachers.

Judgement and approach

- compare and evaluate different types of academic texts, their structure and how different texts convey different messages strongly

Course content

During the course, the participants will, under supervision, write a scientific manuscript based on their own data and results. The different parts of the thesis will be built up through homework that is carried out between teaching sessions. The course participants will also work with peer review, ie critical review of and comments on other people's manuscripts. This will be done continuously during the course. Towards the end of the course, each participant will also comment on another student's entire manuscript. Preparations for each teaching opportunity consist of literature studies, studies of sample texts, self-text production and feedback on other people's texts.

Types of instruction

The main teaching methods are text and response work, lectures in the form of 'flipped classroom' and laboratory exercises.

Language of instruction

The course is given in English.

Grades

The grade Pass (G) or Fail (U) is given in this course.

Types of assessment

The grade will be based on contributing in the student activities, presentations and on the written manuscript. Contribution in discussions, group work and presentations will be assessed as YES or NO and will be monitored by the teacher/assistant. The written report will be run through URKUND and the course responsible/teacher and course examiner will then read and grade the work and assess so it correspond to a third cycle educational level and contain no major flaws in the scientific discussion to receive a PASS grading.

A student who has failed to successfully participate and hand in tasks twice has the right to change examiner, if possible. A written application should be sent to the Department. In cases where a course has been discontinued or major changes have been made, a student should be guaranteed at least three examination occasions (including the ordinary examination occasion) during a time of at least one year from the last time the course was given.

Course evaluation

Course evaluation is carried out together with the participants at the end of the course, and is followed by an individual, anonymous paper survey. The results and possible changes in the course will be shared with the students who participated in the evaluation and to those who are beginning the next course.