



DS2306 Scientific Writing and Communication 7.5 credits

Vetenskapligt skrivande och kommunikation

This is a translation of the Swedish, legally binding, course syllabus.

Establishment

Course syllabus for DS2306 valid from Autumn 2012

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

Specific prerequisites

Three years of academic studies

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

The aim of the course is to develop the participant's awareness of the underlying structure and patterns of research articles within science and engineering, and to improve proficiency in writing up scientific research in English. Participants should also learn to present scientific studies orally in English.

After the course the students should be able to

- explain and use techniques for scientific writing to prepare the writing of a report
- prepare and deliver an oral presentation clearly explaining a topic in their field to a broad audience
- determine what sort of graphical presentation best communicates results from different types of data sets
- use a range of digital tools for the effective production of documents in correct English
- critically review his/her own scientific texts and those of peers; give and take constructive criticism on content, vocabulary, text structure and organization; apply this criticism in reworking his/her own texts

Course contents

- Fundamental text types in Scientific Writing
- Data presentation and commentary
- Rhetorical structure of research articles and presentations
- Digital tools for text management

Course literature

Swales, John M. & Feak, Christine B. (2004). **Academic writing for graduate students: essential tasks and skills**. 2. ed. Ann Arbor: Univ. of Michigan Press

Examination

- PRO2 - Report, 4.0 credits, grading scale: A, B, C, D, E, FX, F
- PRO1 - Oral Presentation, 2.0 credits, grading scale: A, B, C, D, E, FX, F
- ASS3 - Assignment 3, 0.5 credits, grading scale: P, F
- ASS1 - Assignment 1, 0.5 credits, grading scale: P, F
- ASS2 - Assignment 2, 0.5 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

Other requirements for final grade

75% attendance. Written assignments (ASS1; 0,5 credits, ASS2; 0,5 credits and ASS3; 0,5 credits), oral presentation (PRO1; 2 credits) and a report (PRO2; 4 credits).

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.