



LS2440 Writing and presenting academic work in STEM 7.5 credits

Akademisk engelska inom naturvetenskap och teknik

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

Establishment

The official course syllabus is valid from the fall semester 2024 in accordance with the decision by the Head of the ITM School: M-2023-1889. Date of decision: 2023-10-24

Grading scale

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

Education cycle

Second cycle

Main field of study

Specific prerequisites

Documented knowledge in a STEM discipline, with a minimum of 90 ECTS, and English proficiency equivalent to B2 according to the Common European Framework of Reference for Languages.

Language of instruction

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

Intended learning outcomes

On successful completion of the course, the students should be able to do the following in both speech and writing:

1. analyse and compare the rhetoric, structure, style, and referencing in successful academic texts and published research articles within their specific technical discipline
2. apply the appropriate conventions for rhetoric, structure, style, and referencing to describe a data-collection process in their technical discipline
3. present results related to their technical discipline, and apply the appropriate conventions for rhetoric, structure, style, and referencing to comment on and discuss the results
4. apply the appropriate conventions for rhetoric, structure, style, and referencing to motivate a project in their technical discipline

Course contents

On this course, participants should acquire Academic English in order to display their knowledge and ideas in both speech and writing. Course participants take inspiration from both published research and successful academic work, and they can expect training in and personal feedback on:

- language and discourse analysis
- strategies (for e.g. multimodal presentations) and rhetorical models
- structures for effective academic communication
- advanced scientific English: text flow, sentence structure
- scientific style, and vocabulary
- handling of source materials and references

Examination

- INL1 - Assignments, 4.0 credits, grading scale: A, B, C, D, E, FX, F
- SEM1 - Seminars, 2.0 credits, grading scale: P, F
- TEN1 - Oral examination, 1.5 credits, grading scale: A, B, C, D, E, FX, 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.

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.