



# FDS3102 Writing Scientific Articles 5.0 credits

Att skriva vetenskapliga artiklar

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

## Establishment

The official course syllabus is valid from the spring semester 2024 in accordance with the decision by the Head of School: M-2023-2273. Date of decision: 2023-11-20

## Grading scale

P, F

## Education cycle

Third cycle

## Specific prerequisites

Doctoral students, postdocs, researchers.

## Language of instruction

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

## Intended learning outcomes

After passing the course, the student should be able to:

- adapt the content and structure of scientific research papers according to audience and purpose, and justify their choices
- apply rhetorical strategies typical for research papers in STEM fields, especially in their own discipline
- apply effective writing strategies in order to compose clear and precise text in English
- critically review and suggest changes to scientific texts written by others, considering e.g. audience, purpose, structure and language, and use others' feedback to improve their own text

in order to

- produce scientific research papers in STEM in English for publication in relevant journals.

## Course contents

Analysis and discussion of research papers, especially within the student's own research field, with a focus on rhetorical strategies, the common practice of the research field, and structure and language.

Short written assignments, such as a project proposal or similar text type with relevance to the research career

Work on own drafts for a forthcoming scientific publication

Discussion of other course participants' drafts, and reflection on the peer review process

Exercises in scientific English, for instance regarding sentence structure, grammar and vocabulary.

## Examination

- INL1 - Written assignment, 5.0 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 requirement, and all written assignments passed.

## 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.