

**The Art and Science of Scientific Writing, 5.0 credits**

Vetenskaplig text, 5.0 hp

Third-cycle education course

8FO0073

Department of Health, Medicine and Caring Sciences

Valid from: Second half-year 2024

**Approved by**  
The Research and PhD studies  
Committee

**Approved**

**Registration number**  
LiU-2013-00133

## Entry requirements

You must first complete the SCAIR course before you can register for this course.

Eligibility: admitted to postgraduate education.

Doctoral students are admitted according to the following order of priority:

1. Doctoral students registered at the medical faculty of Linköping University or doctoral students strongly associated with the medical faculty of Linköping University who are registered at other faculties within Linköping University
2. Doctoral students registered at other faculties within Linköping University
3. Doctoral students registered at other universities

Participation of students other than above is only possible if there are fewer applicants from the above groups than the number of places available.

## Specific information

The course contains seven course days, spread over the spring semester 2024 (preliminary plan). More information will be provided when a course coordinator has been recruited.

The course will take place on-site, at Campus US, Linköping University

## Learning outcomes

By the end of the course the students will be able to:

*Knowledge and understanding*

- Demonstrate familiarity with the structure of the scientific article and criteria for assessing scientific articles

*Competence and Abilities*

- Apply principles for structuring scientific articles in your own text
- Apply principles for effective academic writing in your own text

*Judgement and approach*

- Critically review scientific articles with regard to their structure
- Reflect on common challenges in the writing and publishing process of scientific articles

## Contents

- The structure of the scientific article
- Principles for effective academic writing
- Assessment of articles with respect to their form
- Criteria for reviewing scientific articles
- Practical work with own scientific texts in workshops
- The publishing process
- The editorial work of scientific journals and peer reviewing of scientific articles
- Discussions about practical experiences of different aspects of the writing and publishing process.

## **Examination**

Examination takes place through submission of written assignments and texts as well as through active efforts at the seminars in accordance with the learning outcomes. Absence from seminars is supplemented with various written assignments.

## **Grading**

One-grade scale

## **Course literature**

The course organizer will provide the participants with a list of relevant literature prior to the start of the course.