

NMN004F, Scientific Publishing, 1.5 credits
Vetenskaplig publicering för doktorander,
1,5 högskolepoäng
Third Cycle/Forskarnivå

Confirmation

This course syllabus was confirmed by The Research Programmes Board at the Faculty of Science 6 March 2023. The course is in the third cycle and amounts to 1.5 credits.

The course syllabus is formally approved in Swedish. This is a translation.

Learning outcomes

The aim of the course is for the participants to understand the importance and conditions of scientific communication, especially scientific publishing, and what the publishing landscape looks like, its conditions and limitations, and how scientific journals of different kinds work.

On completion of the course, participants shall be able to:

Knowledge and understanding

- Explain the structure of a scientific work; the content and importance of the different parts
- Describe the different types of scientific journals
- Understand the different motivations of scientific journals for publishing

Competence and skills

- Describe the publishing landscape
- Analyse the conditions for scientific communication
- Understand the qualitative importance of language for scientific communication

Judgement and approach

- Explain what research ethics, in particular publication ethics, means
- Compare different types of scientific journals

- Relate to the different expectations of scientific publishing

Course content

- The structure of a scientific work; the content and importance of the different parts.
- How information should be conveyed through text, tables and illustrations.
- Citations and references.
- The publishing process; what is the role of peer reviewers and editors?
- Different types of scientific journals and their conditions and limitations. Alternatives to scientific journals.
- Research ethics in publishing. Plagiarism, double publication, selective publication, falsification, authorship and authorship conflicts.

Forms of instructions

Teaching consists of lectures, seminars, written exercises and group discussions. Participation in all elements is compulsory.

Forms of assessment

The assessment is based on written and oral presentations and through participation in compulsory components.

Grades

Possible grades are Pass and Fail. For a grade of Pass, the student must have passed the presentations and participated in all compulsory elements.

Language of instruction

The course is given in English.

Necessary prior knowledge

No necessary prior knowledge

Additional information

NMN004F replaces NAMN002. The courses NMN004F and NAMN002 cannot be credited together.