

Research Programmes Board, FUN

Theory and Practice of Scientific Communication, MEVKTP1

1.5 credits

Third cycle

General information

The course is a compulsory component of the third-cycle programme. It is a full-time course comprising one week of full-time study (approx. 40 hours). The course is intended for third-cycle students at the beginning of their research studies.

Language of instruction

Swedish

Objective

The aim of the course is to enable the participants to develop an understanding of the different stages of the scientific communication process.

Learning outcomes

On completion of the course, the third-cycle students shall be able to

- explain the process of research publication including examples from their own research area and different publication models
- develop a search strategy for their own research in relevant databases and reflect on this strategy
- formulate their own research in writing in a clear and accessible way for a target group in a popular science forum
- formulate their own research in writing in a scientific forum
- provide constructive oral peer review of scientific and popular science texts
- apply different functions/tools for evaluation of research quality, identify strengths and weaknesses and discuss these

Course content

Publication models, copyright, publication process, systematic information searches in subject-related databases, popular science and scientific writing, revising and correcting texts, dissemination channels of research results, evaluation of research results using quantitative and qualitative methods, bibliometrics, altmetrics, management plan for research data.

Course design

The course consists of lectures, group work, demonstrations and practical exercises with regard to the management of research data and other information, tools for quantitative evaluation, identification of collaboration, cited articles and relevant journals for their own research, group discussions, presentations and assignments to write short texts for different target groups.

Assessment

The assessment is based on active participation on all the components of the course and a number of assignments:

- Written assignment on the publication process
- Written assignment on their own research for the general public
- Written assignment on their own research for researchers
- Providing and receiving constructive feedback on texts with a fellow student
- Written assignment on search strategies for information related to their own projects

Grades

The grades awarded are Pass or Fail.

Admission requirements

To be admitted to the course, the student must be admitted to research studies at the Faculty of Medicine.

Reading list

Recommended reading is available in the LibGuide of the course.