



DEPARTMENT OF LEARNING, INFORMATICS, MANAGEMENT AND ETHICS

C7F5747, Mastering Science Communication and Public Engagement: From Research To Resonance, 3 credits (hec)

Bemästrande av vetenskapskommunikation och samverkan: Från forskning till genomslag, 3 högskolepoäng

Third-cycle level / Forskarnivå

Approval

This syllabus was approved by the The Committee for Doctoral Education on 2023-12-12, and was last revised on 2024-09-06. The revised course syllabus is valid from spring semester 2025.

Responsible department

Department of Learning, informatics, Management and Ethics, Faculty of Medicine

Prerequisite courses, or equivalent

No prerequisite courses, or equivalent, demanded for this course.

Purpose & Intended learning outcomes

The course aims to train students in science communication and public engagement. The focus lies on communication with peers and engagement with the public. Emphasis is on storytelling, understanding your audience and improve presentation skills with creative tools and explorative approach. The course is given in an interdisciplinary setting.

Intended learning outcomes

After the course the student is expected to be able to:

1. Orally present their own research adapted to different target groups.
2. Apply storytelling on science and research.
3. Practically apply how visuals and media can support research and presentation to different target groups.
4. Reflect on one's own and others presentation skills, including giving and receiving feedback.
5. Assess the importance - and application - of dialogue in science communication.

Course content

During the course each participant will be given the opportunity to develop practical and theoretical knowledge in:

- Communication theory and practice
- Strategic communication
- Storytelling, how to storify your science
- Presentation techniques and stage presence
- Dialogue mechanics like feedback, team collaboration and how to understand target groups
- Use of different media
- How to work with citizen engagement (3rd mission of the university)
- How to communicate in an interdisciplinary setting

Forms of teaching and learning

The theoretical material will be organized on the course learning platform Canvas. The course design is based on active learning and learning by doing applying theories and methods shared by facilitators. Theory seminars/guest lectures all include active learning segments. Focus lies on practical training in presentation skills.

Language of instruction

The course is given in English

Grading scale

Pass (G) /Fail (U)

Compulsory components & forms of assessment

Compulsory sessions

All sessions are mandatory as they build on each other towards the examination deliveries.

Absence from sessions or a delivery session shall be compensated through supplementary activity to secure learning.

Examination

The examination consists of four deliveries.

1. Reflective statement based in experience, feedback and research/literature within communication and learning.
2. Oral presentation in a popular scientific context
3. Professional presentation
4. Team presentation

Students will receive feedback on all presentations from teacher and peers.

Course literature

Literature is provided on the course web.

Suggested reading

Getting to the heart of science communication. A guide to effective Engagement by Faith Kearns, 2021, Island Press