

Centre for Engineering Education
LTH

Communicating Research

(Att kommunicera forskning)

Communicating Research is an elective course within the qualifying programme in teaching and learning in higher education and of third-cycle studies at LTH.

Aim

The aim of the course is to prepare doctoral students and teaching staff at LTH for situations requiring the communication of research.

Learning outcomes

Knowledge and understanding

For a pass on the course, the participant should be able to

- understand how the delivery and structure of scientific presentations may be perceived and be able to plan and carry out scientific presentations on the basis of this knowledge

Competence and skills

For a pass on the course, the participant should be able to

- take advantage of their voices and individual body language in the planning and delivery of scientific presentations
- write a popular science article which relates the research subject to a wider society and has the potential to create interest in a broad audience

- design and evaluate a scientific poster on the basis of its graphic and scientific message, and from the point of view of the intended function of the poster
- develop and use audiovisual aids to enhance the message of scientific presentations and be aware of the limitations of such aids
- plan and implement research communication with the help of social media
- identify social media channels where the researcher is most likely to encounter their relevant target audience

Judgement and approach

- For a pass on the course, the participant should
 - be able and inclined to give and receive feedback in a constructive manner that is likely to lead to development

Content

The course includes components such as techniques of scientific presentation skills and feedback, voice and speech, poster presentations, research communication using social media, and the writing of popular science.

Instruction

Seminars, exercises. Apart from a few lectures, the course consists of practical and individual exercises followed by group discussions and analysis. Rhetorical exercises are carried out in the form of group discussions/role play.

Assessment

Written report, seminars given by participants. For a Pass on the course, participants must have attended at least 80% of the scheduled activities and completed and passed all exercises and assignments in the course. Grading: fail, pass.

Scope

The course corresponds to 3 weeks of full-time work of which 1 week is part of the qualifying programme in teaching and learning in higher education at LTH. The course corresponds to 5 credits in third-cycle studies (with Pass and Fail as available grades) if this is in line with the individual study plan. Current schedule is found on the course website.

Admission

To be admitted to the course, participants must normally have a first-cycle degree.

Selection criteria

Priority is given to students admitted to doctoral/third cycle students at LTH. If there are seats available, other teaching staff at LTH are welcome to attend.

Language

The course is taught in English.

Course website

<https://www.lth.se/index.php?id=218195>

Reading

The required reading is determined during the course and on the basis of the communication requirements of the participants.

Course director

Michael Cimbritz, michael.cimbritz@ple.lth.se

Senior lecturer at CEE/LTH

Category

The course belongs to the category *Specialisation courses in teaching and learning in higher education*, in accordance with the *LTH syllabus for the qualifying programme in teaching and learning in higher education*.

Other

Prizes for best popular science essay and best poster presentation are awarded by a jury at the end of the course. The course is identical to and given together with the doctoral course GEM100F.