Communicating Science  
(Att kommunicera vetenskap)

Communicating Science is an elective course of 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 communication of science.

**Learning outcomes: Knowledge and understanding**  
For a Pass on the course, participants shall
- know the fundamental concepts of classical rhetoric and be able to recognise rhetorically structured argumentation
- 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, participants shall
- be able to take advantage of their voices and individual body language in the planning and delivery of scientific presentations
- be able to write a popular science article which relates the research subject to wider society and has the potential to create interest in a broad audience
- be able to 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
- be able to analyse and handle possible conflict situations in the context of scientific communication
- be able to develop and use audiovisual aids to enhance the message of scientific presentations, and be aware of the limitations of such aids.

**Judgement and approach**  
For a Pass on the course, participants shall
- be able and inclined to give and take feedback in a constructive manner that is likely to lead to development
- be able to interact in meetings with media representatives.

**Content:** The course includes components such as techniques of scientific presentation skills and feedback, voice and speech, poster presentations, rhetoric and the writing of popular science.
**Instruction:** Apart from a few lectures, the course consists of practical and individual exercises followed by group discussions and analysis. The exercises in rhetoric take the form of role play and group discussions.

**Assessment:** 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.

**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.

A current timetable is available on the course homepage.

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

**Selection:** Priority is given to students admitted to third-cycle studies at LTH. If there are places available, other teaching staff at LTH are welcome to attend the course.

**Language:** The course is taught in English.

**Homepage:** [http://www.lth.se/english/staff/teaching-and-research/phd-studies/phd-courses/faculty-wide-phd-courses/](http://www.lth.se/english/staff/teaching-and-research/phd-studies/phd-courses/faculty-wide-phd-courses/)

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

**Course directors:** Senior lecturer **Anders Ahlberg** (Anders.Ahlberg@genombrottet.lth.se)

Information on current teachers on the course is available on the course homepage.

**Category:** The course belongs to the general third-cycle courses at LTH.

**Other:** A prize for the best popular science article is awarded by a jury at the end of the course.

The course is identical to and given together with GB_S12.