



FEO3110 Vetenskapskommunikation 5,0 hp

Science Communication

När kurs inte längre ges har student möjlighet att examineras under ytterligare två läsår.

Fastställande

Kursplan för FEO3110 gäller från och med VT12

Betygsskala

Utbildningsnivå

Forskarnivå

Särskild behörighet

Doctoral students and post docs at the School of Electrical Engineering. The course will be held in English, however written assignments may be submitted in Swedish or English.

Undervisningsspråk

Undervisningsspråk anges i kurstillfällesinformationen i kurs- och programkatalogen.

Lärandemål

The aim of the course is to train participants' abilities to discern the most important message and to present it to readers as tastefully, accurately and interestingly as possible.

- Identifying different forms of popular scientific communication.

- Considerable amounts of practical training with feedback from professionals.
- Providing opportunities for personal reflection in meetings with colleagues in the same situation.
- Using the doctoral students' own research as working material - participants are expected to provide their own research results to communicate.

Kursinnehåll

The following elements are included:

- Popular science

The task of journalism is to describe and examine the world, and in so doing make it comprehensible to ordinary people. How is this done? From first thoughts to finished article? What can a researcher learn from the way a scientific journalist works? This course is aimed at training students' abilities to identify and detach the most important message and to present it in a manner that is tasteful, correct and interesting to the reader.

- Information

Communicating science to different target groups is trained via various exercises. What role does communication play within universities, government agencies and in business? How are external communications managed? Who are the recipients?

- Exercises

Practical exercises in communicating popular science to different target groups are included in all course elements, e.g. monitoring and writing about the Nobel presentation of a Nobel Laureate.

Kursupplägg

Theory and group assignments in both class and as homework, as well as individual assignments:

Short written exercises

Press releases

Popular scientific articles

Popular science lecture or preparations for a TV or radio interview (Nobel Lecture).

Kurslitteratur

A Field Guide for Science Writers: The Official Guide of the National Association of Science Writers, Deborah Blum, Mary Knudson, Robin Marantz Henig

Examination

Examinator beslutar, baserat på rekommendation från KTH:s handläggare av stöd till studenter med funktionsnedsättning, om eventuell anpassad examination för studenter med dokumenterad, varaktig funktionsnedsättning.

Examinator får medge annan examinationsform vid omexamination av enstaka studenter.

Övriga krav för slutbetyg

Active participation and 100 per cent presence, completed individual and group assignments and finally a popular science text on student's own research.

Etiskt förhållningssätt

- Vid grupparbete har alla i gruppen ansvar för gruppens arbete.
- Vid examination ska varje student ärligt redovisa hjälp som erhållits och källor som använts.
- Vid muntlig examination ska varje student kunna redogöra för hela uppgiften och hela lösningen.