



LI1014 Management of Scientific Literature 3.0 credits

Vetenskaplig litteraturanvändning

This is a translation of the Swedish, legally binding, course syllabus.

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for LI1014 valid from Spring 2017

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology

Specific prerequisites

The student should have general entry requirements as well as at least 30 credits from courses passed at KTH.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

On completion of the course the student should be able to do the following:

- identify and differentiate relevant sources of scientific information
- evaluate and choose among sources of information from a source-critical perspective
- use sources of information in a correct way in his/her own communication

Course contents

The course gives an introduction to parts of the scientific communication process with a focus on the following three domains:

- **Scientific Communication:** - communication channels for scientific information, the peer-reviewprocess, information retrieval in domains related to technology, science and medicine
- **Evaluation of Scientific Sources:** primary and secondary sources, criteria for credibility, contrasting and arguing for different perspectives of a science-related question
- **Research Documentation:** handling of sources of information in text, how to avoid plagiarism through good citation practice, bibliographical referencing

Disposition

The course is carried out through a mixture of web-based and classroom.based teaching

Course literature

Meddelas vid kursstart

To be announced when the course begins.

Equipment

Computer with access to internet

Examination

- INL1 - Assignments, 3.0 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Other requirements for final grade

Requirements for a pass grade are:

1. Participation in all compulsory lectures
2. A pass on all examination assignments

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.