



LD1013 Sustainable Knowledge Dissemination through OER and Open Science 2.0 credits

Hållbar kunskapsspridning genom OER och Open Science

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

The official course syllabus is valid from the spring semester 2024 in accordance with the decision by the Faculty Board: M-2024-0018. Date of decision: 2022-01-22.

Grading scale

P, F

Education cycle

First cycle

Main field of study

Technology and Learning

Specific prerequisites

General entry requirements.

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:

- describe the background and the potential of OERs and Open Science,
- use materials with open licences correctly with respect to copyright,
- know where OERs can be found and published,
- be familiar with open Creative Commons licences, and be able to apply them,
- analyse and understand how OERs and Open Science contribute to achieving UN's sustainable development goals, particularly with regard to quality education (Goal 4), gender equality (Goal 5), decent work and economic growth (Goal 8), reduced inequalities (Goal 10) and partnership for the goals (Goal 17).

Course contents

Open educational resources (OERs) refers to freely available teaching materials that can be edited, adapted, and shared without breaching copyright. This is facilitated through so-called "open licences" or materials that belong to the Public Domain.

This course introduces the concept of OERs to students and teachers at universities, and in compulsory and upper-secondary school. OER is not only an important question of educational policy for international organisations such as UNESCO, but also a part of the request for Open Science as an integrated part of the movement towards a more open and accessible scientific practice.

The course will also show how and where OERs can be found and published. For example, open licences such as CC-o, CC-BY and CC BY-4.0 are explained.

The course content is developed within a joint project consisting of nine universities in the European university alliance Unite!.

Examination

- LEXA - Continuous assessment, 2.0 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.

Continuous assessment. The examination components include e.g. multiple-choice questions, open-ended questions and case assignments. A final grade is given after a Pass on all examination components.

Other requirements for final grade

A final grade is given after a Pass on all examination components.

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.