

Course syllabus for third-cycle level course

Didaktisk modellering, 7,5 Högskolepoäng

Didactic modeling, 7.5 ECTS credits

Course code: UM045FN

Valid from: HT 2026

Department: Department of Teaching and Learning

Subject: Science Education

Level: Third-cycle level

Decision

This syllabus is adopted by the assistant head of department 2026-05-05 (Dnr SU-130-0085-26).

Entry requirements

Admitted to a third-cycle program in Science Education or other applicable subject.

Content

The course addresses didactic modeling as a methodology for developing and using didactic models and other practice-relevant knowledge products. Connections with other methodologies such as educational design research, action research, and lesson/learning study are also discussed. The course further provides knowledge about the characteristics of didactic models, as well as their purposes and use in didactic analysis and in the design of teaching.

Learning outcomes

Upon successful completion of the course students should be able to:

- describe and critically discuss the epistemological and methodological foundations of didactic modeling
- design a study in which didactic modeling is used, and discuss the role of its phases in individual studies
- account for and discuss the structure, purpose, and function of different didactic models

Compulsory activities

Participation in seminars is compulsory. If there are special reasons, the examiner

may, after consultation with the relevant teacher, grant a student exemption from the requirement to participate in certain compulsory instruction.

Forms of examination

The course is assessed through oral presentations and a written assignment.

Grading is done according to a two-grade scale:

G = (Godkánt) Pass

U = (Underkánt) Fail

Forms of teaching

The teaching consists of seminars and exercises.

Transitional provisions

When the course is discontinued, or the course content is substantially changed, students have the right to be examined according to this syllabus once a term during a three term period.

Limitations

The course may not be part of a degree together with a course with identical or similar content.

Course literature

The course literature is specified in a separate document.