

*[Preliminary Version 2012-11-23]*  
*Dates are fixed*

Course PM for  
**Teaching and learning in Subject perspective**  
**Advanced project**  
**3 credits (ECTS)**  
**Course code LH206V**  
**The course starts January 30**  
Seminar room RINMAN KTH Library

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**Course Prerequisites:** Teaching and Learning in Subject perspective LH203V or equivalent

**Course Leader** Course leader is Khalid El Gaidi, email: [khalid@kth.se](mailto:khalid@kth.se), phone 08-790 96 55

**Language** English

**Secretary of the course:** Margareta Bergman, email: [magberg@kth.se](mailto:magberg@kth.se), phone. 08 790 97 15

**Course Objectives**

The course participant should, after the course, be able to:

- Design, carry out, analyze and assess empirical studies in teaching and learning in one's own teaching subjects in a Publishable report.
- Motivate the scientific theory and method used in the report.
- Scientifically assess research papers in teaching and learning according to generally accepted theories and methods in the field.

**Course Literature**

Cohen et al. Research Methods in Education, Routledge 2007 (English)

**Mentor/colleague**

You are required to have a mentor/colleague from your own department or somebody who is knowledgeable about pedagogical

issues in your subject to give you written feedback on your paper and that should be enclosed in the paper

## **Pedagogical idea of the course**

The idea is that the participant starting from the reflective part of the course Learning and Teaching in Subject Perspective (LH203V) will design an empirical investigation about teaching and learning of his or her own subject, preferably involving students. The report should be in the form of a standard scientific conference/journal paper. Each course participant is required to give feedback to others throughout the course.

## **Examination**

Design and carry out a didactical investigation and write a paper for a scientific conference/journal grounded in scientific methodology and theory.  
The teaching subject may be your own or one of your colleagues'.

Both in writing and orally, comment on another course participants' paper (synopsis, draft and paper).

## **The teaching and learning model of the course.**

The project course is 3 credits which is the equivalent of 80 study hours. It is designed for the active participation of those taking part in it. This means that you are the one that has the initiative and responsibility for your learning. The work in class will primarily be carried out in pairs. The assignments should be posted in Bilda 12.00 at latest the day before the meeting (Earlier for the final assignment, see course schedule).

The main objective of the course is to strive for a scientific approach to teaching and learning and all elements involved; "independent discernment, formulation and finding solutions to problems" as well as finding and evaluating information on a scientific level in order to follow the development of knowledge". This also implies critical thinking, careful notation of sources of information during the work with all parts of the course.<sup>i</sup>

It is of major importance that you have an idea for the project that you can elaborate on. The project takes generally a considerable amount of (calendar) time and should be started as soon as

possible, sometimes even before the course starts. Examples of earlier reports can be found in Bilda/documents.

## **What will happen if I miss a course meeting?**

The main focus of the course is on the interaction between the participants taking place during the seminars. Presence in all course meetings is therefore compulsory. If you still must be away, you must notify the course leader beforehand by mail, phone or sms.

Assuming that the preparations for the seminar have been posted, you do not need to do any extra work to compensate for the absence from a single meeting. If you must be away an additional course meeting, you should seriously consider the alternative of taking the course on a later occasion when your schedule allows you.

If an assignment cannot be posted in time you should notify the course leader well before the meeting. Presence at the final course meeting is however, compulsory.

Withdrawal from the course is to be reported in **written form** to the course leader in advance.

## **Electronic course platform (Bilda)**

A web-based system, Bilda, is used for distribution of course material and posting of assignments and comments. All documents are open for the course participants. To help each other learn our names it is recommended to present oneself by a photo. If you have any problems with the system please contact bildasupport@kth.se. Bilda can be reached through the following link: <http://bilda.kth.se>. (Opens 2013-01-20. to access Bilda use your KTH's username and password)

## **Schedule**

The course meetings:

January 30, 2013

Mars 4, 2013

June 5, 2013

Apart from the meetings, the course participants should be able to work with literature and written assignments and investigation independently.

## **Location**

All course meetings are held at the seminar room RINMAN, KTH library. Stare case 3, level 4.

Do not forget the written feedback from your mentor/colleague.  
Should be enclosed in your paper

Meeting	Date and place	Theme	Readings	Assignments
1	January 30 13.15-16.00 RINMAN	Synopsis and method 1	Cohen Chapter 1-3/	Own text Comment on somebody else's text
2	Mars 4 13.15-16.00 RINMAN	Draft Mehtod 2	Cohen Chapter 6,14,22	Own text Comment on somebody else's text
Online	Bilda 27 may 12:00	Mentor's feedback	-	Hand in the report
Online	Bilda May 30 12:00	-	Somebody else's report	<i>Hand in your comments on somebody else's paper</i>
3	June 5 RINMAN	<i>Final discussion and evaluation of the course</i>	Others' reports	Bilda

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<sup>i</sup> Höskolelagen 1 kap 8, 9§§