



## Course syllabus

Faculty Board of Science and Engineering  
School of Computer Science, Physics and Mathematics

4FY84E Examensarbete i fysik eller teoretisk fysik, 30  
högskolepoäng

Degree Project in Physics, 30 credits

### **Main field of study**

Physics

### **Subject Group**

Physics

### **Level of classification**

Second Level

### **Progression**

A2E

### **Date of Ratification**

Approved by Organisational Committee 2009-08-11

The course syllabus is valid from spring semester 2010

### **Prerequisites**

A bachelor's degree with physics as a major or equivalent courses in physics

## Expected learning outcomes

The main purpose of this course is to develop the student's ability of applying his knowledge and skills to research or development tasks in physics. After the course, the student shall

- be familiar with theory and methods of science
- be able to summarize and apply his knowledge of the subject
- be able to perform searches of literature in databases and library holdings, and to critically evaluate the in-formation
- be able to analyze measurements or results of calculations
- be able to give an account of his conclusions and argue for them in debate with others, orally and in writing.

## Content

The course includes:

- an introduction in the subject area
- literature searches
- an introduction in the chosen theoretical or experimental methods
- supervision in research and writing

- presentation of research results

## Type of Instruction

Supervision and tutoring.

## Examination

The course is assessed with the grades Fail (U) or Pass (G).

On request, students may have their credits translated to ECTS-marks. Such a request must be sent to the examiner before the grading process starts.

## Course Evaluation

A written course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The course evaluation will be filed at the department.

## Required Reading and Additional Study Material

### **Required reading**

Literature depends on the choice of project