Linnæus University

Course syllabus

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

2FY80E Examensarbete på kandidatnivå i fysik, 15 högskolepoäng
Degree Project in Physics, 15 credits

Main field of study
Physics

Subject Group
Physics

Level of classification
First Level

Progression
G2E

Date of Ratification
Approved by Organisational Committee 2009-08-11

The course syllabus is valid from spring semester 2010

Prerequisites
Successfully completed 75 higher education credits in previous physics courses, 15 higher education credits of which shall be within the interval 31-60 higher education credits.

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 acquainted with theory and methods of science
- be able to summarize and apply his knowledge of the subject
- be able to seek information in library collections
- be able to analyze measurements or results of calculations
- be able to give an account of his conclusions, orally and in writing.

Content

The course includes:

- an introduction in the subject area and planning of the project
- 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).
Assessment is based on the student's written report, his oral presentation and his defense.
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