



# EF2226 Project in Plasma Physics 12.0 credits

## Projekt i plasmafysik

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Course syllabus for EF2226 valid from Autumn 10

This is a translation of the Swedish, legally binding, course syllabus.

**Grading scale:** P, F

**Education cycle:** Second cycle

**Main field of study:** Electrical Engineering, Engineering Physics

### Intended learning outcomes

After completing the course you should have some practical experience of performing one or several typical tasks in the field of plasma physics, including data analysis and development or evaluation of measurement techniques and instrumentation. You should be able to formulate a realistic goal for a time-restricted task, plan it, follow up the execution with the help of the formulated plan, and to be able to document your work in an effective way.

### Course main content

The project tasks may include

- Processing laboratory data
- Design of a measurement technique
- Literature search and summary of a particular field
- Programming of data processing and presentation tools.

### Disposition

The work will take place during 6-8 weeks . One or more tutors will be available during much of the project time, but it is essential that you are willing to work independently.

### Language of instruction

Language of instruction is specified in the course offering information in the course and programme directory.

### Eligibility

For single course students: 60 hp and documented proficiency in english B or equivalent.

### Literature

No fixed literature. Relevant material will be distributed by tutors on a case-to-case basis.

### Examination

## Requirements for final grade

Written time plan and final report, and at least one written progress report