



IO2656 Photonics Applications, Photonics, Extended Course, EMMP Summer School 3.0 cred- its

Fotonik tillämpningar, fotonik, utökad kurs, EMMP sommarskola

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

If the course is discontinued, students may request to be examined during the following two academic years

Establishment

Course syllabus for IO2656 valid from Autumn 2008

Grading scale

A, B, C, D, E, FX, F

Education cycle

Second cycle

Main field of study

This course does not belong to any Main field of study.

Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

Intended learning outcomes

The students study in depth a photonics application so that the after the course can:

- **write a report on a photonics application**
- **present a photonics application at a conference**

Course contents

The majority of the course work is performed at the summer school which is organized by Erasmus Mundus MSc in Photonics. The tasks for the students include:

- **Reporting (oral and written) on a project assigned during the academic year.**
- **Lectures on photonics by invited experts.**
- **Presentations of master thesis of 2nd year students.**
- **Lectures about the European dimension of the EM program.**

Specific prerequisites

Course literature

Course literature will be announced together with the topics at the start of the course.

Examination

- SEM1 - Seminar, 3.0 credits, grading scale: A, B, C, D, E, FX, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

Other requirements for final grade

Presentation of project (first year) and master's thesis (second year) at the summer school organized in the Erasmus Mundus MSc in Photonics for teachers from all participating universities, aktivt deltagande i föreläsningar.

Ethical approach

- All members of a group are responsible for the group's work.
- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.