



# SH1005 Electromagnetism and Light 3.0 credits

## Elektromagnetism och ljus

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 SH1005 valid from Autumn 2007

## Decision to discontinue this course

The last examination period for the course is HT2020

## Grading scale

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

## Education cycle

First cycle

## Main field of study

Physics, Technology

## Specific prerequisites

## Language of instruction

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

## Intended learning outcomes

Following this course the student should have the basic knowledge in electromagnetism and being prepared for further studies in modern physics and adjacent fields.

## Course contents

The course will focus on fundamental electromagnetism and light.

## Examination

- TEN1 - Examination, 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

This course is 3 university credits fail or pass following a conventional written test.

## Transitional regulations

There will be two opportunities to write the exam, VT2020 and HT2020.

## 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.