

Perspectives on Physics

Programme course

2 credits

Fysikaliska utblickar

TFFM12

Valid from: 2017 Spring semester

Determined by

Board of Studies for Electrical
Engineering, Physics and Mathematics

Date determined

2017-01-25

Main field of study

Applied Physics, Physics

Course level

First cycle

Advancement level

G1X

Course offered for

- Computer Science and Engineering, M Sc in Engineering
- Applied Physics and Electrical Engineering, M Sc in Engineering
- Physics, Bachelor's Programme
- Applied Physics and Electrical Engineering - International, M Sc in Engineering

Specific information

The course is not available for exchange students

Entry requirements

Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

Intended learning outcomes

The course will give an introduction to exciting research in physics at IFM. The course serves also as training in writing of a scientific report. At the end of the course the student should

- get ideas on new research frontiers in the areas of applied physics and material science
- understand and be able to explain in a well structured and logical concise way topics discussed during the course
- develop skills in formulating and explaining physical problems using a foreign language

Course content

Defined by the content of the seminar.

Teaching and working methods

The course will feature ten seminars (2 hours each) given by researchers at IFM as well as invited speakers. Groups of three to four student will chose a particular seminar and write a report on the seminar in their chosen profile language (i.e. English for Y1 students,
The course runs over the entire spring semester.

Examination

UPG1 Written report on one of the seminars a written report 2 credits U, G

The report should be written in the profile language.
Grades are given as 'Fail' or 'Pass'.

Grades

Two-grade scale, U, G

Department

Institutionen för fysik, kemi och biologi

Director of Studies or equivalent

Magnus Johansson

Examiner

Irina Buyanova

Course website and other links

<http://www.ifm.liu.se/undergrad/fysikgtu/coursepage.html?selection=all&sort=kk>

Education components

Preliminary scheduled hours: 20 h
Recommended self-study hours: 33 h

Common rules

Regulations (apply to LiU in its entirety)

The university is a government agency whose operations are regulated by legislation and ordinances, which include the Higher Education Act and the Higher Education Ordinance. In addition to legislation and ordinances, operations are subject to several policy documents. The Linköping University rule book collects currently valid decisions of a regulatory nature taken by the university board, the vice-chancellor and faculty/department boards.

LiU's rule book for education at first-cycle and second-cycle levels is available at http://stydokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva.