

Kursanalys för SK2411

Datum för kursanalysen	2022-04-20
------------------------	------------

Sida 1: Kvantitativ analys

Läsår:	2022
Läsperiod(er):	P3

Kursansvarig:	Valdas Pasiskevicius
Lärare: Föreläsare	Valdas Pasiskevicius, Max Yan
Övningsassistenter	Martin Brunzell
Labbassistenter	Fredrik Laurell, Martin Brunzell
Övriga inblandade lärare	

Antal registrerade studenter	7
Prestationsgrad, * % (t.o.m. ovan datum)	100 %
Examinationsgrad, ** % (t.o.m. ovan datum)	100 %

* Antalet presterade poäng hittills på kursen dividerat med antalet möjliga poäng för de registrerade studenterna vid gällande datum.

** Andel studenter av de registrerade som klarat samtliga kurskrav vid gällande datum.

OBS! När du skickar in din kursanalys, bifoga aktuell kursplan.

Sida 2: Kvalitativ analys

Kursens pedagogiska utveckling

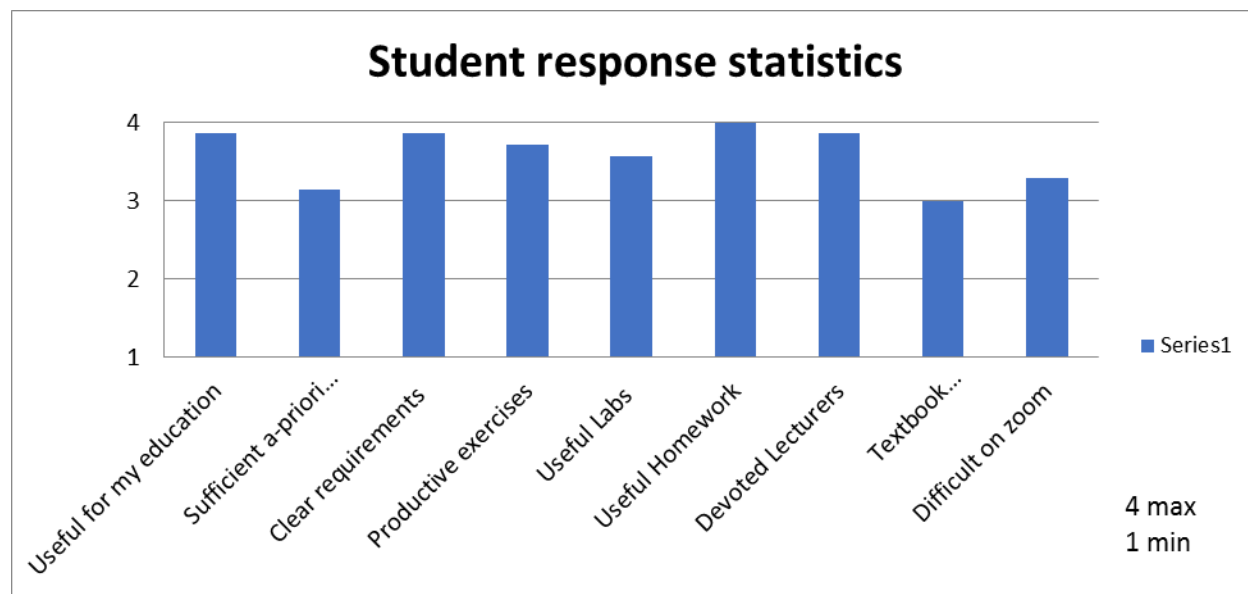
Redogör för eventuella förändringar införda utifrån förra årets kursanalys.

1. Lecture notes have been updated with new developments in the field.
2. Lectures, exercises, labs and exam were in-person. A parallel zoom stream from the lecture hall was provided for students not able to attend.
3. Homework tasks were updated to better reflect the course material flow.
4. Exam composition and tasks was further tailored to an open book exam.
5. The course canvas was continuously updated.

Studenternas syn på kursen

Redogör för studenternas syn på kursen (dokumenterad genom kursenkät, kursnämndsmöten, intervjuer och/eller annan lämplig metod).

The student questionnaire has been given during exam. All students provided answers. The statistics is shown below.



From the answers it is clear that the students perceive the course as very useful for their education and their future careers. Some students felt that their background knowledge in optics could have been better. The labs were very appreciated. The textbook was considered as good and easily understandable

to most students. The understanding of the textbook is typically correlated with the prior knowledge of the students. Homeworks were very appreciated by all students. Zoom lectures were attended very well and, according to the poll were well appreciated and understood by vast majority of students. As in previous year this survey confirms that on average the perception of the online lectures and exercises was somewhat inferior. The efforts of lecturers were evaluated as very good. There was a suggestion to leave more time for questions.

Kursansvarigs syn på kursen

Sammanfatta hur utförandet och resultatet av kursen gått, samt tolka/analysera studenternas syn på kursen.

In 2022 the lectures and exercises as well as exam returned to the normal in-person formats. We retained parallel zoom streams from the lecture halls. However, it seems that the course materials were easier understood during in-person activities. The assumption in the course was that the students would have attended Light-matter interaction course prior to this course. That was not the case for some students and it might explain that there could have been perception of lack of some background knowledge. However, the homework flow and the fact that exam results were good and all students successfully passed would show that this was not the main issue, although it might have required some additional study for some. In 2022 we used a reworked powerpoint presentations which were adapted from 2021 full online version. The perception is that such format allows to include more material into the lectures than it is optimal. It would be beneficial to scale down the on-screen time and partially return back to the slower on-blackboard mode in the lectures. Open book exam was retained from 2021 and the format will be used in the future. It allows focusing on task solving and applying creatively the knowledge gained during the course.

Förändringar inför nästa år

Föreslå vilka förändringar du planerar att göra för att främja kursens pedagogiska utveckling och kvalitet.

Return back to the main blackboard mode in lectures where appropriate. Retain the updated visual materials on the course canvas as a main reference guide for students.