

Kurssammanställning FYSC14/EXTF85 "Kursnamn" VT 2019

Kursansvarig: Caterina Doglioni

Övriga lärare: Peter Christiansen, Mamad Eshraqi, Mats Lindroos, Oliver Matonoha, Jonatan Adolfsson, William Kalderon (guest)

Betyg: 17 st UK, 22 st G, 15 st VG.

Utvärdering

I. Sammanfattning av kursvärderingen

Totalt antal svar: 29 av sammanlagt 54 registrerade.

Kort sammanfattning av resultatet: Students were satisfied with the course. In a 1-5 scale where 5 is fully agree, 97% enjoyed the course ($>3/5$), 97% felt that they have developed valuable knowledge / skills for continuing studies and working life, 100% felt that they had reached the learning objectives of the course, and 93% felt that the course has stimulated them to a scientific approach, to a level above or equal to 3. 97% felt that the teachers have been committed, accommodating and given relevant feedback during the course when ideas and views on the course design and content have arisen (again $>3/5$). The students had more mixed views on the mix of blackboard and presentation lectures, with 80% agreeing ($>3/5$) that it was appropriate. 20% would have preferred more blackboard lectures. 80% of the students felt that the workload of the course in combination with others was too much (satisfaction $<3/5$), although a few of the students were taking more than 3 other courses simultaneously. The students also appreciated the fact that the course is focused on the experimental evidence but they would like more, so we will have dedicated lectures about our research in the next term. They appreciated that we gave information about internship (some will apply to next year's DESY and CERN summer schools, and the main teachers will provide reference letters).

They gave feedback on needing more exercises (even though we offered specific exercises, and no one seemed to have done them during the course as they were not compulsory). They would like a course that has fewer guest teachers, so in the next term we will limit to the two main teachers plus the accelerator teacher. They also found the accelerator content too detailed with respect to the rest of the course, so next term we will have one fewer lecture in agreement with the accelerator teacher.

80% of the students thought that the DESY trip prepared them better for future studies and career, and enjoyed it because it was "exciting", "fun for class socializing", "fun and interesting" and "I got inspired and got to see where exciting physics is done. I hope to end up in a similar place one day." (we got a large number of very positive comments). They however thought that the visit had a tight schedule and the lectures were too easy. They gave good feedback for the next iteration, e.g. informing the guides of the student level beforehand (this is not always possible though as the guides are PhD students from any field).

The main point of dissatisfaction of this course is that we could not allow every student to go to the DESY trip, as the lab was not offering visits for more than 40 students on that day and we had about 50 who wanted to come. So we had to do a random draw and ask some students to come in January after asking for volunteers (there were no volunteers). This upset some of the students whose friends were

picked for going in January, but the ones that are coming in January do not have any specific complaints.

II. Lärarlagets kommentarer

The teachers think that the course went well and the learning objectives were reached for all students who passed the course. The students were generally proactive and the great majority of them handed in their assignments on time. The examination went well and there were good discussions between the examiner and the student examined.

III. Utvärdering av förändringar sedan förra kursen

We have adapted some of the material to the learning preferences of the class, which seems to have been well received. We have put more attention on having intermediate check points and lists of topics to remember at the end of each lecture. There was no need to moderate the lectures as the class was more interactive as a whole without having specific students dominate the interactions. However, the choice of doing a presentation was not well received this year as the students thought there weren't enough instructions on how to do the presentation, so next year we will return to the accelerator question in the exam but reduce the number of topics.

IV. Förslag till förändringar till nästa kurs

For the next course, we will change course responsible so there will be the chance to rearrange some of the course lectures and re-balance the material. We will remove one accelerator lecture in order to add two lectures on the specific research of the teachers as an inspiration for the student. We have also secured places for all students for the DESY trip, and we now have a collaboration in terms of a research graduate school with DESY that will make this trip more established rather than being considered as "general public".

2019-12-20, sammanställt av Caterina Doglioni