

Course analysis

SK2513 Cell culture: theory and practice

2021

In 2021, eight students were registered on the course (ten was the maximal possible number of participants), all of them participated in the course activities.

All students participated in the final exam, with the following results:

A – 5 students

B – 1 student

C – 1 student

D – 1 student

The course was given using the flipped classroom layout. The lectures were pre-recorded and made available for the students one by one as the course proceeded. During the classes the material of the corresponding lecture was discussed, and the students answered a short quiz on this material.

Due to the Covid-19 situation, the classes were replaced by Zoom meetings. It seems that this did not significantly influence the learning activities of the course. Working in Zoom even helped to improve them. Instead of the usual quizzes on paper we used quizzes online in Canvas. The breakout room function in Zoom was used for group discussions of the material.

Due to Covid-19 situation, the practical labs in the course had to be performed later in spring and early summer after the course. This was arranged individually with each student. Seven out of eight students managed to participate in the labs.

The course evaluation was unfortunately not performed, because the course had to be spread out way beyond its official boundaries, and the labs were performed during a long period of time. That is, for each student, the end of the course had a different date. However, I got very positive oral feedback from several students. They were satisfied with the course labs, where they got to work with living cells. For some students this was their first lab experience ever.

We had an elected student representative who could convey to the teacher any issue that might have arisen during or after the course. However, no issues were raised by the students.

This was the last course offering, because starting from 2022 it will be fully incorporated into a bigger course covering various laboratory techniques (SK2536 Laboratory techniques in Life Sciences).