

Minutes

Subject	Education Committee	
Date and time	January 28 st	mskau@tek.sdu.dk T +4565501984
Location	Zoom	
Invited	Associate Professor Massimiliano Errico, Program Coordinator, Chair Associate Professor Knud V. Christensen, Program Coordinator Associate Professor Shuang Ma Andersen Professor MSO Henrik Karring Associate Professor Martin A.B. Hedegaard Professor MSO Morten Birkved Program Administrator Mette Smølz Skau Student representative Christian Ringskær Student representative Sebastian Krog Student representative Mathilde Snijder	
Cancellation from	Henrik Karring Martin A.B. Hedegaard	

1. Welcome

Possible title change for the course FYK1 Applied Physical Chemistry (fka Advanced Physical Chemistry)

Students have the impression that the course is similar to the bachelor level one due to the similarity of the title. However, the master level course is more focused on different characterization techniques.

The discussion between the participants identified different keywords relevant for the title. Applied Material Characterization Techniques was suggested as a starting point and the discussion will continue between the course responsible and the programme coordinators.

2. Consequences and actions the expected norms of the educations

- Co-reading between Chemical Process Design and Eco-Efficient Engineering?
- The co-reading between the courses is possible due to the overlapping in the content associated to process integration. Chemical Process Design needs to be revised in the course description and perhaps in the title. Eco-Efficient Engineering is a 10 ECTS course Chemical Process Design is only 5 and this may create some problems in the combination of the courses. Moreover, the Environmental engineering students have

a broad background, so it has to be understandable for them as well. The structure of the co-reading needs to be elaborated by Ciprian who is taking over Eco-Efficient Engineering, Massimiliano that is responsible for the Chemical Process Design and the relevant programme coordinators.

3. Teaching evaluations and semester evaluations

- Advanced Biotechnology
 - i. From the student evaluations it is clear that the teaching was given as pre-recorded videos constituted the teaching. These videos were made by the previous teacher. In that case the videos were recorded due to covid restrictions, and it was an exceptional circumstance. This is an elective course and if we are not able to deliver it to an appropriate level, we should not offer it. This will not be repeated in the future.
 - ii. Since the teacher who taught it last year is no longer at IGT, the content needs to be changed or we need to stop offering it. BMB might be interested in collaborating on a course with shared teaching responsibilities increased number of students and a higher quality.
- Climate Change - atmospheric chemistry and carbon engineering
 - i. Some of the teachers were evaluated poorly, since not all the teachers contributed to the course in the way was supposed to be. Therefore, the teachers who did not teach got bad evaluations.
 - ii. The content of the course was fine, but the organization of the course was lacking. The technological aspects were not integrated thoroughly in the course. Haiyan and Juan Rodrigo didn't give lectures, which might have solved this issue. The atmospheric part of the course is covered well by Henrik Skov, but the carbon part was covered almost exclusively by a report made by the students, and there was given no lectures on it.
 - iii. There has been a lack of consistency and coherency of the organization in the course. The parts of the course that is delivered by different teachers, need to be integrated better.
 - iv. Fewer of the confrontation hours should be spend on the seminar.
 - v. Massimiliano will coordinate the course in the spring.

4. News from the student representative

- The students have asked Jens for money to create a teaching prize, but he declined the request. The funds should be obtained by external sources.

5. Planning of Future Education Committee meetings

- The next meeting will be held in March

6. Any other business

- Mathilde and Sebastian are graduating this summer and they will be leaving the UUV from February 1st. Christian will stay on and be joined by one or more new student representatives.