

Minutes

Subject	Education Committee	
Date and time	June 1st	mskau@tek.sdu.dk T +4565501984
Location	Tesla	
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 Thomas Nordentoft Andersen	
Cancellation from	Morten Birkved	

1. Welcome

2. Teaching evaluations

- **Industrial Fermentation and Modelling of Bioprocesses**
 - The students report that the course has an overlap with previous courses (advanced biotechnology and Grundlæggende biokemistri and micro biology). The overlap is caused by the need to update the exchange students who has not have these courses and the competencies they need to follow the rest of the course. Also, the students might recognize something from the previous courses, but it is much more detailed and in-depth. Further, the students do not show a high level of competencies in these areas at the exam, so it might be the case, that the students are overestimating themselves when they evaluate the course.
 - The teacher will make it more clear to the students what exactly is overlap and why. Further, the course will be adjusted so it fits our own students' knowledge and competencies rather than adjusted for the exchange students'. However, even our own students are struggling with theses competencies even though they complain about the overlap, so the course content can't be

changed much, since they won't be able to pass the exam without any repetition. Henrik suggested to do this by giving them the slides of the overlapping content for self-study.

- It will be discussed if the course should be taken off the list of courses offered to exchange students.

- **Energi og materialer**

- Raghunandan is well prepared and has a high level of knowledge but lacks general teaching practice. He is currently doing the "pædagogikum training", which might help.
- If possible, his courses will be changed from 4 hours in a row to 2 times 2 hours, which might make it easier for him.
- Raghunandan has taught this course alone this semester, but Shuang will share the course with him going forward.
- He will also be recommended to take SDU's own oral English course to practice public speaking and become more comfortable with this.

3. The process regarding changes in the course descriptions

- The studyboard expects the UUV to go through the changes in course descriptions.
- The UUV also needs to keep track on how many exams have internal/external censor
- The course descriptions and the descriptions of the semesters in the curriculum need to match.
- It was suggested to have a meeting going through all the course descriptions.

4. Follow up from the advisory board meeting May 3rd

- The meeting went well and the advisory board approved of the new programme structure and especially liked in-company project

5. Dropout (BEng) see attachment

- There is a high dropout rate for the diploma engineering programme. There is no longer an introduction course, which has been dropped due to lack of resources.
- In 2021 there was a grade average for uptake, which has decreased the uptake (approximately 66) but did not decrease the dropout. (approximately 32).
- There is also a low study intensity in this programme and the students do not spend enough time studying, which cause them to struggle. This might be less true for the newest uptake.
- After the lockdown students are not showing up for classes the way they used to.
- The programme has to motivate and inspire during the first year when the students are still deciding if it is the right programme for them. The

first year has to be more attractive for students and the section do not have resources to do it in the ways that have been used before.

6. Unemployment numbers (left over from the last meeting) See also attachment called “Særindmelding”.

- Master programme: 7 people out of 23 who graduated in 2020 are unemployed after 3 quarters. This might be due to the lockdowns, and we don't have the data for fourth quarter.
- Diploma engineering programme: Does not have the same issue.

7. Action plan (left over from the last meeting)

- First year is very technical and heavy which might cause some of the dropout, since the students assumes that this will keep increasing throughout the programme, which is not the case. It might not be a good idea to do more lab work during the first semester as it could give the students a wrong impression of what the programme is in fact about. It is also expensive.
- The bachelor projects are still not done in collaboration with companies. However, the final projects and the final thesis are. Further the bachelor students still have the chance to collaborate during the master programme. The lack of collaboration might not be a lack of collaboration but just a wrong registration. The supervisors need be aware of this and reject the contracts if they are not registered correctly.
- The In-Company project needs to be described better on the website.
- Martin and Massimiliano will find a mentor to introduce the programme to the new students and focus on employability.

8. News from the student representative

- N/A

9. Planning of Future Education Committee meetings

Items for the agenda for next meeting:

- Going through the overall description in the curriculum and the first semesters' course descriptions.
- How to make the first year more attractive to reduce dropout

10. Any other business

- Mikkel and Karen are the new mentors for the bachelor/diploma engineering students.
- We still need to find a mentor for the master programme