

Minutes

Subject Education Committee

Date and time March 3rd

mskau@tek.sdu.dk
T +4565501984

Location Eiffel

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 to the new student representative

- Morten will return to the UUV after June.
- Thomas was welcomed to the UUV and informed about the rules of confidentiality

2. Study start evaluation

- Overall good ratings on the civil engineering programme
- Overall low ratings on the diploma engineering programme, especially low ratings regarding professional feedback, social activities, and study habits.

The ratings were highest in 2018 and has decreased ever since.

It was discussed if it could have something to do with the change of teachers on the first semester, who used to be more nurturing of the students.

It was decided to aim for experienced teachers and not replace the teachers often for the first year. However, it might be difficult to keep continuity, since there is not enough resources.

3. Status meeting April 29th

Per is leaving TEK and the status meeting might be moved until someone can take over his position.

4. Study Intensity

- The study intensity for the diploma programme is 40 which is not concerning.
- The study intensity for the master programme is 36, whereas it was 42 in 2018. Most of the course descriptions have been changed since then. Due to corona restrictions, there has been less lab work, which explains some of the decrease in study intensity.
Some students never open the books and only rely on the teachers' presentations. They don't do well in the programme, and they influence the average of study intensity.
It is a problem that the students do not spend the required time studying. It also contributes to the low exam grade average high dropout rate.

5. Collaborations with companies

The number of master thesis done in collaboration with companies has decreased to 40 %, but many of the master students are doing In-Company Projects. Further some students are not checking the box for collaboration on the contract, even if it is done in collaboration with a company. The supervisors need to be aware that they must reject the contracts if it is not filled out correctly.

For the diploma engineers, the number is 73, which is satisfactory.

6. Exam statistics

- Grundlæggende organisk og uorganisk kemi
- IFG1
- Fysisk kemi
- Design of Ideal Chemical Reactors
- Kemisk production og miljø
- Industrielle separationsprocesser

Many students are struggling with applying the mathematics, they have learned.

Some students are choosing not to attend the ordinary exam and prioritize the reexam.

The numbers do not show how many students did not show up. They just register as failed.

Many students did very well on the reexams.

In physical chemistry, the students claimed the online format worked against them. They got very high grades in the reexam.

7. SWOT

The SWOT was discussed and updated

8. Unemployment numbers

- Will be discussed at the next meeting

9. Action plan

- Will be discussed at the next meeting

10. Dropout rate

The students are not always aware of what they are signing up for, when they apply to the programme. Some of them think it is similar to Chemistry at NAT and are surprised about the processing and technological elements.

It would be helpful to get different videos promoting the programme on the website. There is currently an overweight of research being promoted.

11. Upcoming Advisory board meeting

May 3rd was suggested

It might be helpful to get the board's opinion of:

- Feedback on the updated programmes
- the dropout rate
- how to position the education

12. News from the student representative

Some students want more electives on the 5th semester. However, most students are doing the semester abroad so there are not enough students for many electives.

13. Planning of Future Education Committee meetings

Will be decided when we know the date of the status meeting

14. Any other business

Henrik has been asked to teach Methods in Science since Massimiliano was told that the current teacher was overloaded. However, it now seems that the teacher is out of the country. The issue is currently under discussion at higher level.