

Minutes

Subject	Education Committee	mskau@tek.sdu.dk
Date and time	December 5 th , 10:15 am	T +4565501984
Location	WATT	
Invited	Associate Professor Massimiliano Errico, Program Coordinator, Chair Associate Professor Knud V. Christensen, Program Coordinator Associate Professor Shuang Ma Andersen Associate Professor Ciprian Cimpan Associate Professor Muhammad Tahir Ashraf Program Administrator Mette Smølz Skau Student representative Christian Ringskær Student representative Thomas Nordentoft Andersen	
Cancellation from	Muhammad Tahir Ashraf	

1. Welcome to new UUV members

Ciprian and Tahir are new to the UUV. The restructure of the UUV has been done so that all 3 IGT sections are represented.

2. Follow up on the meeting with the master students

The feedback from the students was very constructive and they had a lot of inputs. The feedback as well as the teaching evaluations will be taken into account for some changes planned for the master programme.

3. Teaching evaluations: Master programme

Sustainable Development: The sustainability concept is introduced already at the first semester of the bachelor, and the mandatory sustainability course in the master programme does not appear to bring much new to the education. It is also considered to be a bit too fluffy and very easy. This does not set a good frame for the programme.

Therefore, it might be a good idea to make it an elective and give room for another mandatory course that is better suited.

Techno-Economic Assessment: The course can be better focused, and the teachers might require a bit of guidance. The students are coming from different programs and some of them do not have the necessary background, while for others the course is redundant. We need to be more aware of who we are letting in (especially exchange students).

The chemical and biotechnology students want more focus on the economic, while the environmental engineering students want more focus on the

production part. Massimiliano and possible Ciprian will meet with the teachers and discuss how to tune the course content and structure.

Methods in Science: Seems to be very little work and competencies for 5 ECTS. Only about half of the time is actually taught in the classroom. The teacher has ideas on how to make it a bit heavier, but it might also be possible to make it as a prerequisite. The students come from different backgrounds and some lack critical evaluation and scientific writing competencies and need to have a preparatory course.

Some of the competencies could be moved to the bachelor programme as part of Theory of Sciences and a minor part of the course might be a mandatory online course for students with a different background who has not had Theory of Science (a prerequisite for the thesis). The course does not have to be directly connected to the master thesis.

Climate Change: The course is not working for different in the way is delivered. It has 3 parts, symposia, atmospheric chemistry and the project. There seems to be an overlap with Sustainable Development. The students question why Henrik should be present at the exam when his part in the course is so small. Henrik Skov's part is problematic since he is not always physically present, and he has problems using ItsLearning and Zoom. Moreover, his English is hard to understand. The content is good, but the delivery is unsatisfactory. The project part is taught by Haiyan who is teaching well, but the topic is approached in a very simplified way. The symposia seem a bit disconnected to the rest of the course. The course does not seem to be appropriate as a mandatory course.

Electives: The students are generally happy with the electives except for LCA. This year it has not been running very well. It is an Environmental Engineering course, and they will take steps to adjust it. Next year the course will have a different approach and it has already improved since the beginning of the semester.

4. Teaching evaluations: Bachelor/ Diploma engineering programme

- Fysisk kemi
- Chemical Product Design: The students find the teacher to be unengaged in this semester. She is just reading from her slides. The information about the project has been given very late which has meant that several groups had to change their projects late in the semester. The things that have been taught in the course is disconnected to the project.
- Grundlæggende organisk og uorganisk kemi, IFG3 and Fysisk Kemi: Avoid four-hour teaching/lecture blocks

5. Changes to the bachelor program 2023 due to ministerial interference with the educations

The ministry wants the bachelor programme and the diploma engineering programme to differ. Thus, the project descriptions have been changed for the two programmes.

6. Changes to the bachelor program 2024 due to financial cuts

There will be financial cuts and we need to find ways save money

- Math and physics could be co-read between the different programmes.
- There might also be co-reading in chemistry and physical chemistry with NAT.

7. News from the student representative

- Experts in Teams is not working.
- Energy Management might need to be reviewed as an elective. It is from Energy Engineering and the Chemical Engineering and Biotechnology students do not have the necessary background for it.

8. Online course on SDU's quality system <https://event.sdu.dk/uddannelseskvalitetsdu>

Everybody in the UUV needs to take the course

9. Planning of Future Education Committee meetings

Beginning of February

10. Any other business

The Environmental Engineering programme is looking into starting a programming course and it might be well-fitted for Chemical Engineering and Biotechnology students.