

Agenda

Subject	Education Committee
Date and time	April 24 th 12:30-14:00
Location	Skype
Invited	Associate Professor Birgitte Lilholt Sørensen, Head of Program, Chair Professor MSO Morten Birkved Associate Professor Gang Liu Study Coordinator Mette Smølz Skau Student representative Jakob Kjær Rasmussen

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Cancellation from

1. Welcome to new members

Jakob Kjær Rasmussen

2. Status meeting report (Uddannelsesberetning attached)

- *The dropout rate* has increased during the past few years. The programme has a low number of students so every drop-out makes a big difference. Part of the reason is that international students who have been accepted not always show up and then count as dropouts. Other times they do show up but have to drop out due to economic issues.
- *The teaching activity* is at 7, 3 per ECTS which is comparable to other programs.
- *The unemployment rate* is high for environmental engineers all over the country. There have been a meeting about this in December. The number might be caused by the high number of international students who can't get jobs after graduation because they don't speak Danish. The program is working on using their network more and to connect students with companies throughout the study time. The programme is also encouraging the international students to learn Danish. The university has limited the uptake to 20 students due to the unemployment rate. This limits the programme's opportunity to grow.
- *Study intensity* is reported to be to be at only 35 hours per week on average. The Ministry of Education has measured it to 44 hours per week. The student representative pointed out that the study intensity varies a lot throughout the semester. The LCE has been accused of having too much workload but considering these numbers, it might not be the case. The UUV will keep track of this through the evaluations but do not find it necessary to implement any actions at this point.

- Selection and discussion of at least one of the official [elements of the quality policy](#)**
 Sub-policy nr. 8 for transition to employment and careers was chosen:
 The unemployment rate is at 35% and the UUV wants to involve the industry in assessing the program by discussing it at the next advisory board meeting.
 Teachers will encourage students to do their projects in cooperation with local and non-local companies.
 Teachers will be encouraged to bring students to meetings with external partners to connect them with companies.
- SDG**
Write a brief in the Status report for discussion at the status meeting
 The university will create a 1 ECTS online course on 1st semester. This will be addressed at the advisory board.
 All the courses in the programme relates directly to some of the SDGs. This will be documented more clearly on the course descriptions going forward.
 The ways the programme relates directly and indirectly will be discussed at the advisory board meeting.
- Make a SWOT**
 The previous SWOT was discussed and many of the items on it are still relevant. An updated document will be circulated around May 18th

3. Next Advisory Board meeting

Last action plan:

Emne		Handling	Tidshorisont
Udvidelse af panelet med en person fra Miljøstyrelsen	→	Opsøge nyt medlem	Foråret 2019
Undersøge muligheder for valgfag	→	Undersøge muligheder for at oprette miljøkemi	2019
Inddragelse af samfunds-økonomiske aspekter i uddannelsen	→	Undersøge muligheder for at tilføje dette fagområde til uddannelsen	2019

Ad 1:

Jakob has a student job at Miljøstyrelsen and might be able to connect the programme with someone who can join the advisory board.

Ad 2:

Miljøkemi: it is still an open discussion but currently the programme is not able to have the course. Morten Birkved could teach it if he had the time, but he is too busy. It has also been discussed to have a course in atmospherical chemistry. However, it takes a chemist to teach the course so not everyone can do it.

Ad 3:

Business Economics and Management might not completely hit the target. Thus, it has been discussed to replace it with the new course in the Chemistry programme, Techno-Economic Assessment. Please see point 4.

4. Techno-Economic Assessment

It has been suggested to replace the course [Business Economics and Management](#) with the new course Techno-Economic Assessment.

EM-BEM: It was argued that the management part of the course is more relevant than the economics part, as it does not seem to consider the context of engineering according to the students.

Techno-Economic Assessment appears to be more relevant, but it might need minor adjustments as it is targeting chemistry engineering students.

It was decided to replace Business Economics and Management with Techno-Economic Assessment. Business Economics and Management will still be offered as an elective.

5. Follow up on the current situation and online teaching

It was reported that the students are making an effort and are overall doing a good job.

There are some concerns about the master thesis defences. They will most likely be held online, which makes some of the students a bit concerned but it usually works out well.

6. Any other business

N/A