



AALBORG UNIVERSITET

Study Board for
Chemistry and Bioscience

Minutes from Study Board meeting on 14th February 2024 at 13.00 in Aalborg and Esbjerg

Present from Aalborg: Mads Koustrup Jørgensen (MKJ), Majken Pagter (MP), Lars Haastrup Pedersen (LHP), Anders Emuel Olsen (AEO), Simon Abildgaard Hansen (SAH), Nicklas Bjørnmose Dupont (NBD)

Observers: Niels T Eriksen (NTE), Mads Hyldgaard Henningsen (MHH)

Present from Esbjerg: Morten E. Simonsen (MES), Martina Medini (MM)

Cancellation/not present: Anne Sanggaard Sonne (ASO),

Agenda:

1. Approval of the agenda
2. Approval of minutes from meeting 24.01.2024
3. Presentation of Study Board members
4. Constitution of the Study Board – incl. election of chairman and vice chairman
5. General information
6. Student applications (confidential)
7. Discussion
8. Curricula
9. Quality assurance
10. Budget

1. Approval of the agenda

Action

The agenda was approved.	
Additional item on the agenda under item 6 - appendix 24-029 was forwarded. Additional appendices were forwarded to item 7a; appendices 24-030 and 24-031.	

2. Approval of minutes from meeting 24.01.2024

The minutes were approved.	
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3. Presentation of Study Board members

Presentation round and welcome to new members of the Study Board.	
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4. Constitution of the Study Board – incl. election of chairman and vice chairman

<p>a) Approval of guidelines for processing of student applications processing in the Study Board</p> <p>Election of Vice Chairman: Nicklas Bjørnmose Dupont was unanimously re-elected. Election of Chairman: Lars Hastrup Pedersen was unanimously re-elected.</p> <p>The guidelines were reviewed with examples of how application cases are handled in the Study Board. The guidelines were approved with a few updates. The updated version will be posted on the website as soon as possible.</p>	
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5. General information

<p>a) Guidance for members of the Study Board</p> <p>The guidance for members of the Study Board will be translated into English, and the final version will be sent later.</p>	LHP
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6. Student applications (confidential)

<p>a) List of application cases processed since the last Study Board meeting The list has been noted.</p> <p>b) Application for 5th examination attempt The Study Board grants dispensation for a 5th examination attempt due to documented illness.</p> <p>c) Information on urgent application cases related to 5th examination attempt. The Study Board was informed about two dispensation cases that were expedited by the chairman of the Study Board.</p> <p>d) Examples of approved dispensation cases Review of examples of dispensation cases that have been approved.</p> <p>e) Application for 5th examination attempt The Study Board grants dispensation for a 5th examination attempt due to documented illness.</p> <p>During the discussion, the Study Board emphasized the importance of comprehensive documentation covering the specific period and the fact that the student was unable to attend the exam.</p>	
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7. Discussion



a) AI at the Department of Chemistry and Bioscience

Use of generative AI at the Department of Chemistry and Bioscience (appendix 24-026)

AI in AAU's education programs (appendices 24-027, 24-030, 24-031)

NTE: We have conducted a brief questionnaire, and the responses have also been forwarded to the Department Committee (Institutråd).

LHP: Approximately 50% of the staff has responded. However, only a few have experience with AI in teaching or research.

1) How is AI regulated with respect to AI tools in education (e.g., ChatGPT)?

Students typically initiate the use of AI for tasks such as spell-checking, programming code, literature searches, and exploring new areas. However, students are uncertain about what is permissible in terms of AI usage.

MHH: AI is valuable for verifying general facts. It simplifies tasks compared to searching through various articles. For instance, students can search specific lecture content to verify information. In a 6th-semester project, we preferred using a database over asking our supervisor.

AEO: AI is especially helpful for code validation. Overcoming initial coding challenges becomes easier with AI assistance.

LHP: Currently, AI is primarily used by students, and there is generally no dedicated teaching support except for one course where AI is included.

Guidelines for teachers should be expanded to include rules and guidelines related to AI.

2) Are there any implications regarding exams?

The examination plan specifies which aids are allowed during written exams, including the use of AI.

MHH: It's advisable to utilize AI for projects after completing the initial write-up.

LHP: When using AI in your project, it's essential to explicitly mention it, preferably refer to it in the report

3) Are there modules where students learn about AI (both generative and non-generative)? What are the modules and activities? What is described in the curricula, module descriptions, semester descriptions, etc.?

LHP: The course in Data Science includes the use of Machine Learning, but for most courses AI is not currently integrated into our modules, there are relevant courses where its application would be beneficial.

The study board discusses specific modules where AI could be relevant.

MKJ: Future students will likely learn about AI before starting university. It could become a learning objective in the curriculum for relevant modules.

NBD: AI can be integrated into teaching within certain modules, focusing on how to use it.

LHP will compile a list of potential courses and projects.

4) Preliminary proposals for new modules and new content in existing modules

LHP



<p>Modules discussed earlier during the study board meeting include master projects and Data Science. AI need not necessarily be the primary learning goal.</p> <p>AEO: AI could also be relevant in the module Problem-Based Learning (PBL). MKJ: It could connect to the library course offered in the first semester, which covers literature search. NTE: It might be premature to propose actual changes to modules. Consider the overview as preliminary suggestions. These proposals involve modifications to existing modules.</p> <p>5) <u>Proposals for shared resources in the AI domain (e.g., the PBL Course)</u> 6) <u>Proposals for content in one or more new AAU Micros on Artificial Intelligence</u></p> <p>Micro credentials focused on AI.</p> <p>LHP and NTE will modify the reply to the faculty and send by e-mail to the study board members for approval, before sending it to the faculty.</p>	LHP/NTE
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8. Curricula

No items on the agenda.	
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9. Quality assurance

<p>Semester minutes/steering group minutes Action plans for educational evaluation</p> <p>No items on the agenda.</p>	
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10. Budget

<p>a) Study Board grants LHP: We have a budget of 50,000 kr. in 2024 for excursions and other activities. Preferably for the benefit of more students. MHH: Please note that there is a limit to how many students a company allows to visit at the same time. LHP: We primarily support transportation, but not food or sleeping arrangements. NTE: It would be a good idea to have events that are the same every year, so we can estimate the budget for a specific trip.</p>	
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Louise Kiilerich Pratas
Referent

*AI was used for translation of the minutes from Danish to English.