Meeting SAT Computer Science 3 November 2022

Minutes Approved

Present:

- Dan Witzner Hansen (HoP BSWU)
- Marco Carbone (HoP KCS)
- Therese Graversen (HoP BDS)
- Patrick Bahr (HoP KSD)
- Luca Maria Ariello (HoP KDS)
- Louise Meier Carlsen (Co-HoP BSWU)
- Theodor Christian Kier (Student rep., KCS)
- Sofie Kramshøi Nielsen (Student rep., KSD)
- Juraj Septák (Student rep., BDS)
- Paolo Tell (Guest, faculty)
- Sara Gjerløv (Observer, Study and Career & Guidance)
- Mette Holm Smith (Observer, Prog Coor BDS + KDS)
- Allette Bjørn Bundgaard (Prog Coor BSWU + KCS) (Minutes)
- Victor Shamal Andersen (Student, guest) under point 1.

Absent:

- Marc Kellaway (Observer, Prog Coor KSD)
- Anne Brix Damgaard Fransen (Student rep., KSD)
- Nynne Grauslund Kristiansen (Student rep., BSWU)
- Jesper Bengtson (Guest, faculty)

Minutes:

1. **Approval of agenda:**
   Luca chairs the meeting.
   Victor suggests that SAT discuss an appeal from students (anonymized).
   The actual case is not for SAT to discuss because:
   - SAT is not the appeal board for individual student cases.
   - The students are not from any of the study programs belonging to SAT CS.

2. **Approval of minutes from meeting 5 October 2022:**
   No comments to the minutes received within the 10 working days period. Minutes approved.

3. **Information:**

4. **Update from study programmes:** / Students.
   KCS, Theodor:
   - The extent of mandatory activities has been immense. However, it seems that most of them are over now.
   BDS, Juraj:
   - The course in machine learning has improved since the beginning of the semester.
   KSD, Sofie:
   - Some students complain about the quality of the course Applied Information Security.
   - The Research Projects about KSD-students´ use of time for studies is still in progress. However,

preliminary results show no correlation between students feeling stressed and having a job.
Sofie propose to invite the students to preset their results, once the project has ended.
SAT agrees to this.

5. **Change of curriculum for BDS** / Therese.
Therese presents the proposal:
The aim is to make a better structure on BDS-first year. In addition, a course title change on a 2nd year course.
The plan is that changes come into force for students admitted 2023.
The changes align with the recommendations from last year´s review process.
The aim is not to teach more new topics on the first-year courses, but to be able to spend more time on what is already in the courses.
The plan:
a) Data Science in Research, Business and Society are replaced by a new course in mathematics and probability (- working title: Introduction to Mathematical Thinking and Probability Theory). The course content of the new course stems from Applied Statistics and Introduction to Data Science and Programming.
b) Applies Statistics double the size to 15 ECTS. The probability-part of the course content is removed to the new course on first semester. Applied Statistic would also feature a bigger project.
c) First Year Project is reduced by half to 7,5 ECTS and renamed to Projects in DS.
d) Restructuring the existing topics on the first year courses will allow students to focus on less topics at the same time, than are the case in the present structure.
e) Detailed transitional provisions are set for students studying after the old curriculum, and who do not manage to pass the courses in the old structure in due time.
f) The programming language in Applied Statistics is R. For the rest of the program, it is Python.

Comments from SAT:
- Project in Data Science: Are ILOs the same as on the existing 15 ECTS course?
Answer from Therese: Yes, because with the present four mini-projects in the existing course, students cover ILOs more than once.
- Is there a risk that the amount of content on first semester will be heavier than it is today?
Answer from Therese: Hopefully, the new structure will make students feel more comfortable. Nevertheless, it is important to consider the workload when developing the new course, Introduction to Mathematical Thinking and Probability Theory.
- The impression from the presentation is that first half of first semester will probably be harder and very theoretical in the new structure?
Answer from Therese: The course in Introduction to data Science and Programming will focus also on "nice" DS-topics to make things not all too dry. Additionally, the overall impression is that DS-students like mathematical courses.
- How many mini-projects will be part of Projects in Data Science?
Answer from Therese: Already, the number of mini-projects in First Year Project have been reduced from four to three projects. When the course is reduced, a further reduction will happen (Probably two smaller courses and a larger exam project, with only the latter being part of the exam). Alignment between courses will be considered and secured.

SAT supports the proposal.

6. **AOB:**
- Dan asks for input to the discussion in BoS tomorrow about lowering the requirement for

registration.
SAT supports the idea of letting students act more freely.