



CHALMERS

Course board meeting: Minutes

<i>Course name:</i>	Artificial neural networks	<i>Programme owning the course:</i>	Complex adaptive systems, Master's programme
<i>Course code:</i>	FFR135	<i>Programme code:</i>	MPCAS
<i>Academic year:</i>	2022-2023	<i>Department instructing the course:</i>	Physics
<i>Study period (start):</i>	SP1	<i>The program's Director of Studies/Education officer:</i>	Per Thorén
<i>Study period (end):</i>	SP1	<i>Date:</i>	2023-03-13

Fill in all the fields above. Select academic year, study periods, programme, programme code, department, and date from the respective drop-down menu.

Meeting participants: Bernhard Mehlig (Examiner), Per Thorén (Director of Studies), Leo Andrekson (Student representative).

Keeper of the minutes: Leo Andrekson.

A joint meeting has been held for the following courses: If a joint meeting has been held for several courses, enter these here

Summary

A couple of weeks into the course we had an initial meeting where no major changes were made to the course after discussing students options up until that point. On this final meeting we have discussed different parts of the course in regards to what students have commented on the course survey. In summary the majority of students were pleased with the course as a whole, but there were some segments that received some criticism. Some students noted that the workload of this course is too high in comparison to the course that is taken in parallel with this one, FFR105. The major contributing factor to this increased workload was, according to some students, the homework in the course. This was discussed and it was concluded that the assignments are an important part of the course since it helps with the understanding of the different concepts presented in the course. Hence it would be difficult

to improve on this point, but one might want to try to introduce consultation sessions where students can get help from a TA with their programming. This has been done in previous years in the course, but very few actually showed up and hence this was removed. So if this was to be implemented again there would need to be shown interest in order to maintain it. Next we discussed that it would be good to try and minimize the number of times where there are two 2-hour lectures after one another in the schedule. Another point was that the deadline of homework 2 in this course overlapped with another deadline in FFR105. We said that this should be avoided in the future by scheduling the deadlines with the knowledge of the deadlines in FFR105 in mind. It would appear that the number of students showing up on lectures at campus are fewer now after the pandemic compared to before. This has potential consequences on how much time people need to spend on studying the course material, as some students might actually learn better by being engaged in a lecture. It's hard to tell what could be the cause of this decline, but it might be worth thinking of ways to entice people to come on lectures in the future. As a final comment, students also mentioned that OpenTA and Piazza worked very well and were very useful tools in course.

Prerequisites and learning outcomes

Majority of students thought they had adequate prior knowledge to follow the course and thought that the learning outcomes were clearly stated.

Learning, examination, and course administration

Majority of students thought the course structure, teaching and literature worked well and supported the content of the course. Some students did however state that the workload of the assignments was a bit high. Most students were however pleased with the examination and the administration. Piazza was especially appreciated.

Work climate

Many thought the workload of this course was high in relation to FFR105. Once again this seems to be mainly caused by the homework's. From an equality point of view the majority of students found that they were treated equally and felt included. The communication between students and teacher was very good according to all who commented on this point in the survey.

To keep for next course round

Students liked the course book, the programming problems, Bernhard and Piazza and would hence want these parts of the course to remain in the future.

Suggested changes

- Avoided overlap between hand ins in this course and FFR105.
- If enough TAs are available, test to reintroduce consultation sessions.
- Minimize the number of times where there are two 2-hour lectures after one another in the schedule.

Other matters

Other notes.