

## II2206/FIK3507 Course Analysis HT22

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1. **Course evaluation process:** A standard LEQ survey was sent to the students. Unfortunately, only 2 out of the 7 students that completed the course answered the survey so no report could be issued.
2. **Description of meetings with students**

The course was run on Zoom with weekly meetings including homework discussions. There was also a Zoom based final presentation of the student project task.
3. **Course design**

The course has been given several times before as a bi-annual PhD course. This was, however, the first instance as an advanced level course. The course consists of video lectures, homework exercises that are discussed during weekly homework sessions and a project (= more complex homework exercise). For the advanced level course also a programming project was included to motivate the increase of credits from 6hp for the doctoral course to 7.5hp for the advanced level course. The advanced level course had a A-F grading scheme based on the homework scores. The doctoral course used pass/fail, where the pass level corresponded approximately to B in the advanced level course.
4. **Students' workload**

Previous doctoral courses instances have been very compact with many problems per homework session, which created a heavy workload corresponding to a full-time effort. In order to fit into the 7.5hp advanced level course format, the number of homework sessions was increased resulting in fewer problems in each session.
5. **Students' results on the course**

2 doctoral students dropped out during the course, the remaining students 6 doctoral have passed. The advanced level student did also pass with grade B.
6. **Students' answers to open questions**

No answers were received due to the low number of responses.
7. **Summary of students' opinions**

Based on the feedback received during the course, the students find the course to be very useful. The workload is still found to be high. The project task was perceived to be difficult and did not really correspond to knowledge gained in the homework sessions.
8. **Overall impression**

The course worked well for the doctoral students. However, the level of difficulty and workload can be challenging to the average advanced level student. This year, due to lacking information to the students, only one exchange master student participates (he did well).
9. **Analysis**

A key problem identified was the students were not very well prepared for the project task that dealt with time series analysis of correlated data. Most students had to go back to do major revisions in their project report before passing. More emphasis should be put on this matter earlier in the course. The programming project worked well, but it is difficult to draw conclusions from one student.
10. **Prioritized course development**

More emphasis on time series analysis should be put in the video lectures and 1 or 2 extra homework problems should be introduced in this matter replacing some of the other problems to avoid increasing the workload. As this is an advanced level course, some of the other problems could also be replaced with some problems with lower level of difficulty.