



CHALMERS

Course board meeting: Minutes

<i>Course name:</i>	Learning from data	<i>Programme owning the course:</i>	Physics, Master's programme
<i>Course code:</i>	TIF285	<i>Programme code:</i>	MPPHS
<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>	Bengt-Erik Mellander
<i>Study period (end):</i>	SP1	<i>Date:</i>	2022-12-15

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: Christian Forssén, Examiner
Anders Hellman, MPA
Rémi Albert, Nastaran Fallah Randjbar, Student representatives

Keeper of the minutes: Rémi Albert

A joint meeting has been held for the following courses:

Summary

A total of 74 respondents were invited to participate in the survey, and 30 individuals completed it for a response rate of 40.54%. The results indicate a positive overall impression of the course, with a median score of 4.50 out of 5.

Prerequisites and learning outcomes

The results show that the majority of students either possessed the required prerequisites or were aware of them. During the meeting, it was suggested that the term 'Basic programming skills' be revised on the course web page to provide a clearer understanding of the necessary knowledge and skills for successful completion of the course. The survey results also indicate that the majority of respondents achieved the learning outcomes of the course.

Learning, examination, and course administration

Several students requested faster feedback on assignments and projects. The examiner acknowledged that improving the speed of feedback would require additional man-hours, but it may not be possible to allocate more resources in this area. The examiner will explore the use of improved auto-correction tools or techniques to address this issue.

Work climate

Some students expressed a request to increase inclusivity in the course by changing reference to his/her into their. The examiner will review the course literature to identify potential changes and will consider inclusivity when delivering lectures. The goal is to ensure that the course is inclusive and welcoming to all students.

The course administration will also consider strategies to ensure that students who collaborate on projects have similar goals and objectives.

To keep for next course round

After reviewing the responses to the course evaluation, it was determined that the layout of the projects, including the reproduction of results from scientific papers, was seen as beneficial and should be retained.

The examination format, which consisted of problem sets and projects, was well received by the students, with a median rating of 4.00 out of 5.

Additionally, many respondents welcomed the remote lab sessions held via Zoom as a positive aspect of the course.

Also, one word should be given for the teaching assistants, Shahnawaz Ahmed, Noemi Bosio, Isak Svensson and Oliver Thim, for their hard work and dedication. Several students expressed their gratitude for their patience and accessibility.

Suggested changes

The conclusion reached during the discussion on this topic was that ongoing revision of problem sets and projects would enhance the students' experience and learning of the course. A specific concern raised by students was the use of the term "extra," which may be misleading. The course administration will consider revising the problem sets and projects to address this issue and optimize the students' learning experience.

Other matters

In considering the "ethics" portion of the course, a list of suggested topics is proposed to be provided, while also leaving the opportunity for students to suggest their own ideas. A discussion component will also be maintained in

the course to facilitate the exchange of ideas and perspectives. A schedule is suggested to be provided at the start of the course to assist students in effectively planning and preparing for their coursework.