

## **Background information**

**Course:** Category Theory for Computer Scientists

**Programme:** PhD Course

**Semester:** HT 2020-HT 2021 (it was interrupted by the Covid pandemic)

**Number of registered students:** 6

**Response frequency:**  $4/6 = 67\%$

**Date:** 2021-12-08

## **Result of examination**

The students could get 3 points for active participation in lectures and exercise sessions, and a further 2 points for a separate project. So far, 5 students have all cleared the 3 points for active participation, one student is waiting to finish some course goals. A further 2 students have opted to do a project, and this is ongoing.

## **Brief summary of students' opinions and suggestions**

### **This was good according to the students**

All of the students agreed to some extent that they were satisfied with the course.

- The teacher adjusts the content with regards to the questions of students.
- I liked that it was interactive

### **This can be improved according to the students**

- The course textbook was not really suitable for computer science students, and they would like more examples related to programming rather than mathematics.
- The course ran over multiple periods during the pandemic, which was not ideal.
- Some students wanted more structure to the course.
- Some of the exercises required more mathematical background than the students had, and hence the students found them too hard.

### **Suggestions for possible changes or measures**

- Find a better textbook better suited to computer science students.
- Find better exercises that connect with the students background
- Run the course in a smaller time interval and provide more structure.

**Eventual changes that has been made in the course since the last time it was given**

This was the first time the course was run.

**State the name of the person who wrote the course report, e.g. the course director or some other appointed person at the department.**

Justin Pearson

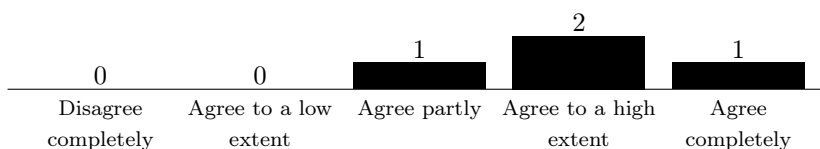


## SAMMANSTÄLLNING AV KURSVÄRDERING FÖR CATEGORY THEORY FOR PHD STUDENTS ()

Course evaluation/survey for the PhD course in category theory given by Justin Pearson.

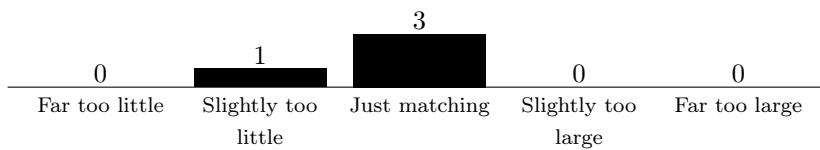
Sammanställd	
Antal svar	4
Tillgänglig	2021-11-16 – 2021-11-26
Kontaktperson	Justin Pearson (justin.pearson@it.uu.se), verksam vid Datalogi
Kurs	Category theory for PhD Students ()

- Overall, I am satisfied with this course. Description: Here you are asked how well you think the course worked in relation to everything from teacher, content, forms of instruction, and examination to scheduling. (*Medel = 4,0, SD = 0,7*) (*1 = Disagree completely, 5 = Agree completely*)



### COMMENTS:

- It relates mostly everything, we need this aspect of view. [5]
- What do you think was the best thing about this course? Description: With your help, the course can be made better, and something that is already good can be made even more prominent/effective. (*Antal obesvarade = 2*)
    - The teacher adjusts the content with regards to the questions of students.
    - I liked that it was interactive
  - Please provide constructive suggestions for course development. Description: With your help, the course can be made better, and something that is already good can be made even more prominent/effective. (*Antal obesvarade = 1*)
    - Try not having a multi-year pandemic mid-course the next time, that would be a real improvement.  
The course could in general use some more structure, and perhaps a less opaque book, but I also appreciated both of those things so I am not sure if it can be helped. Maybe it's git a local max.
    - Maybe adding more content from a programmer's viewpoint could help understand the concepts.
    - The course book was difficult to follow, in particular the exercises.
  - How did you perceive the course's workload in relation to its size (number of credits)? Description: Here, you are asked how you perceived the workload, i.e. how much total time you invested in relation to full-time. Example: a course worth 5 credits during a period corresponds to 1/3 of full-time. (*Medel = 2,8, SD = 0,4*) (*1 = Far too little, 5 = Far too large*)



COMMENTS:

- The workload is not below what I expected, but it was frustrating since the course material was a bit too difficult to digest without help from Justin. If there is better course material, then this will be fixed [2]