



# Course Structure Survey

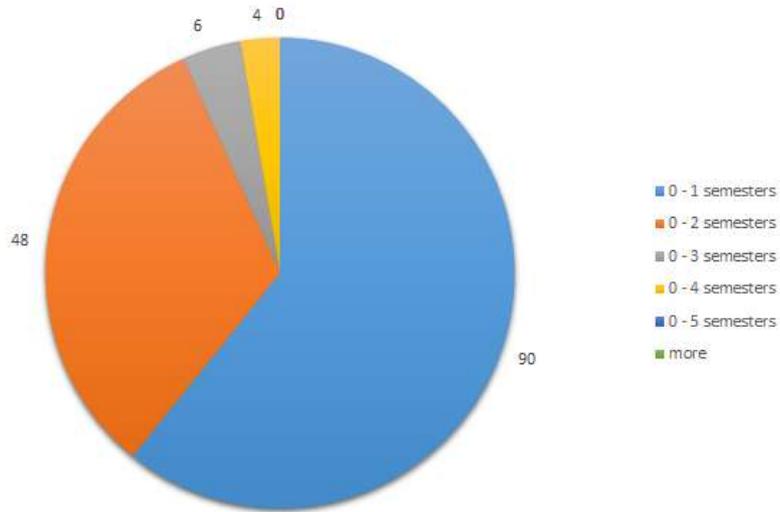
Support Internationals @ FIN, OvGU  
Academic Club

- 120+ students (from DE and DKE), who are pursuing their Master Degree have faced the issue of not getting a seat in the courses of their choice, resulting in them either not being able to pursue their desired area of interest and/or having to extend the duration of their studies
- Why? A few of the reasons are: Limitations set by the lecturer, limitations in the mandatory exercise classes, students unaware of the course structure, any course specific prerequisites either that they were unable to fulfill due to course structure.

- Important factor in certain courses is the participation limit, number of exercise classes and the course prerequisites
- We were interested to find the difficulties students face/faced in getting a seat for their desired courses
- We did a survey
  - 295 students answered
  - 148 completed the survey

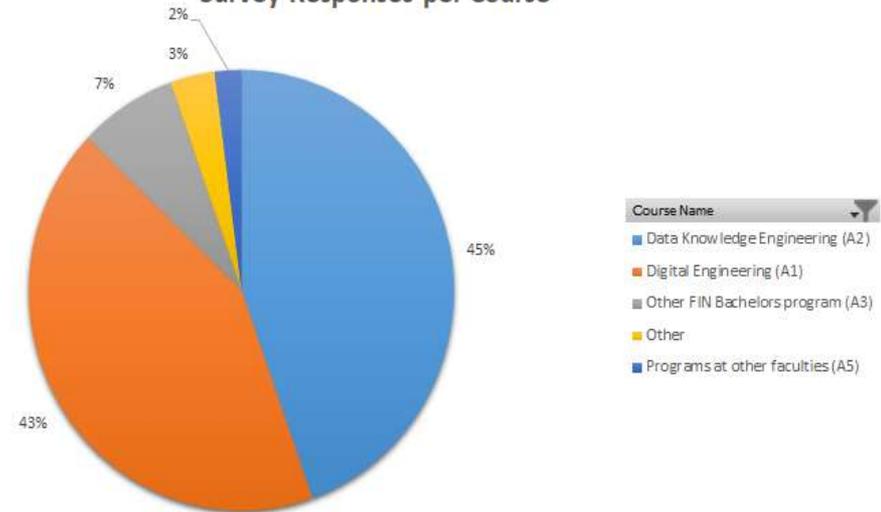
# Course Structure

### Students per Semester



Counts

### Survey Responses per Course



1. Certain courses have a participation limit placed on the number of students who can attend.
2. Some courses have a limited number of exercise classes, which lead to students being unable to register for them.
3. A few courses have some prerequisites that must be met - the inability to meet these in a timely manner leads to the students being unable to take those courses according to their study plan

**A survey was conducted to understand the quantitative impact of these reasons in terms of the number of students affected by such specific courses**

# Course Structure



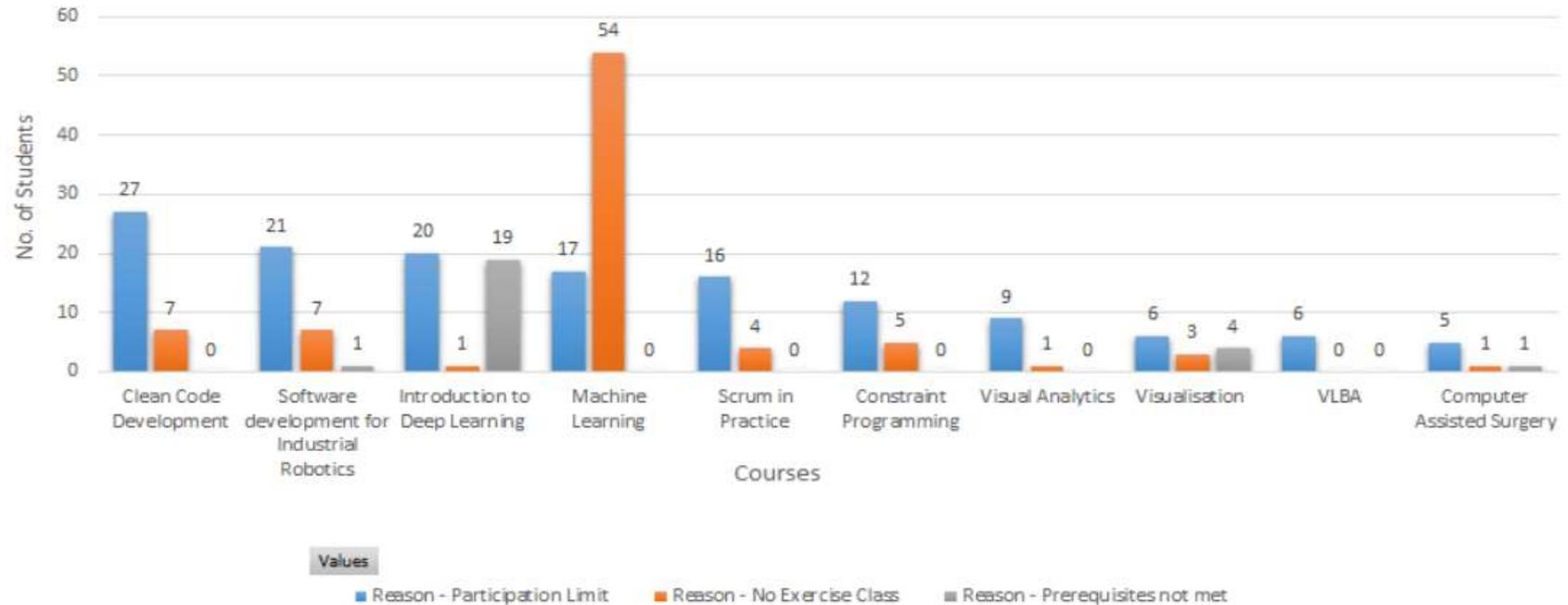
Students were also given the option to mark the courses they did not get a place in. Statistics were collected regarding this in order to understand which courses students were mostly “missing out on” due to the aforementioned reasons.

# Top Courses



Course Name	Reason - Participation Limit	Reason - No Exercise Class	Reason - Prerequisites not met
Clean Code Development	27	7	0
Software development for Industrial Robotics	21	7	1
Introduction to Deep Learning	20	1	19
Machine Learning	17	54	0
Scrum in Practice	16	4	0
Constraint Programming	12	5	0
Visual Analytics	9	1	0
Visualisation	6	3	4
VLBA	6	0	0
Computer Assisted Surgery	5	1	1
<b>Grand Total</b>	<b>139</b>	<b>83</b>	<b>25</b>

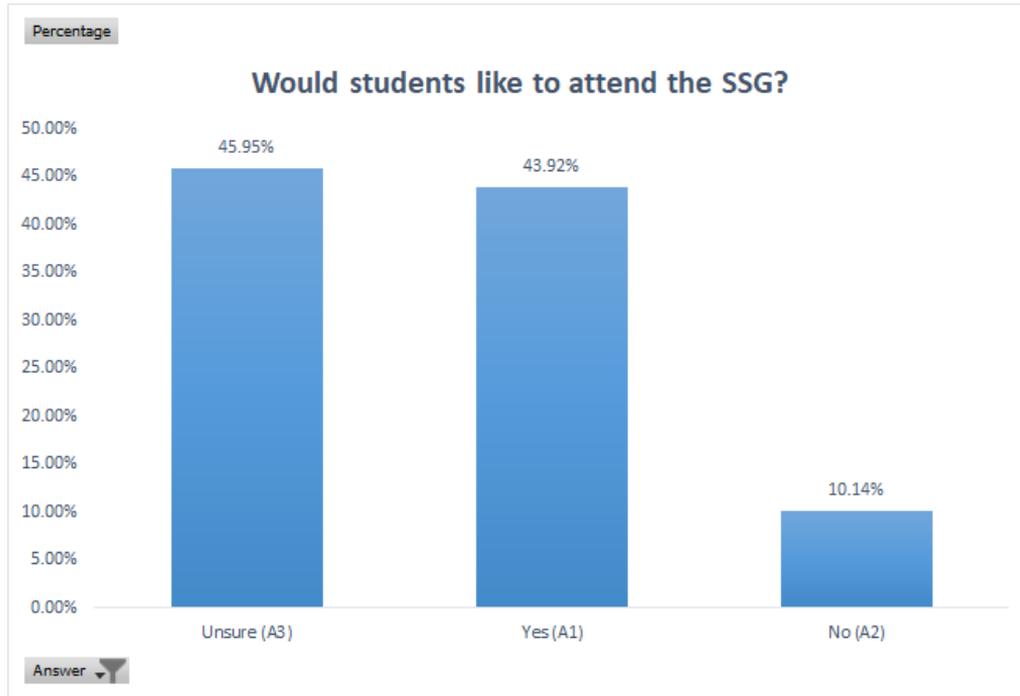
## Distribution of reasons for students not getting courses



The following courses displayed the highest numbers in three separate reasons respectively, for which they were unavailable :

1. When compared to other courses, 27 students face problems with Clean Code Development due to the limited number of students who can participate.
2. The limited number of exercise classes offered by the Machine Learning course was a problem for 54 students. However, this was resolved eventually and all the interested students were accommodated.
3. 19 students were unable to take the Introduction to Deep Learning course due to the prerequisites.

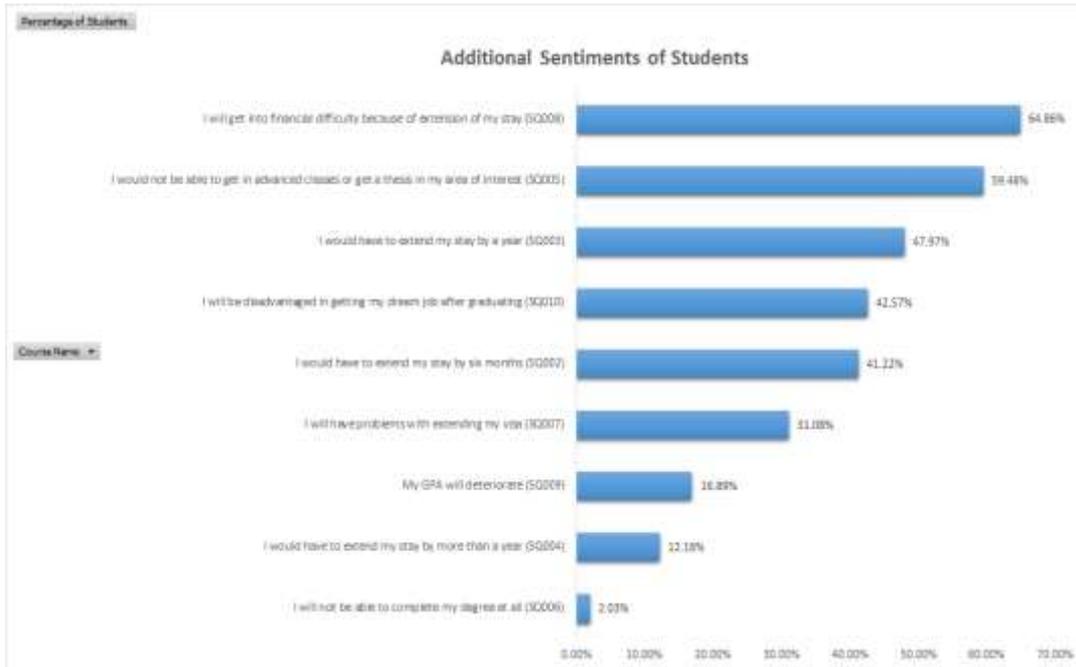
# Sentiment Analysis



Students were asked if they would like to attend a Studiengangsgespräch (SGG)

- 44% of the students voted in favor of this, which signifies that a large number of them have grievances they wish to convey to the faculty
- 46% of them were unsure about attending this, despite having it conveyed to them what a SGG is - perhaps they voted this way because they have not attended such an event before and they are not aware of how receptive the faculty can be towards their troubles, when brought forward on such a platform

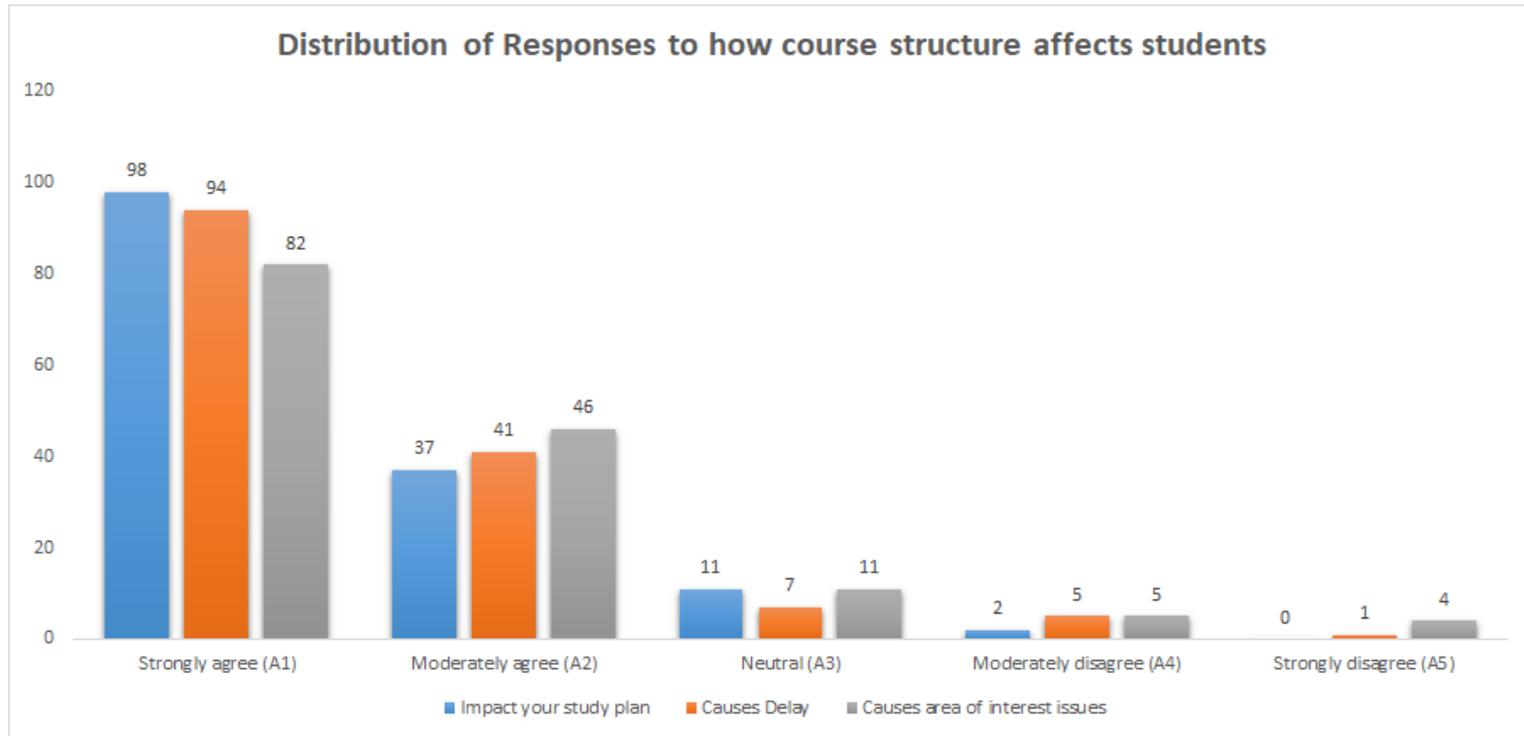
# Sentiment Analysis



In addition to their feelings about attending an SGG, students were asked to choose from the options on the left and mark the ones that they felt would be a result of them not getting courses.

Most students were worried about financial and area of interest troubles. However, this could be the result of an early round of angst amongst first semester students due to not getting their courses.

# Sentiment Analysis



# Sentiment Analysis



From the graph above, which is highly skewed to the left, it is clear that around 90% of the students strongly or moderately agree that the course structure would either impact their study plan, delay the duration of their studies and/or lead to them being unable to pursue their areas of interest.