

# Grade Statistics Autumn Term 2013

GREGOR WEGBERG – NOT A STATISTICIAN

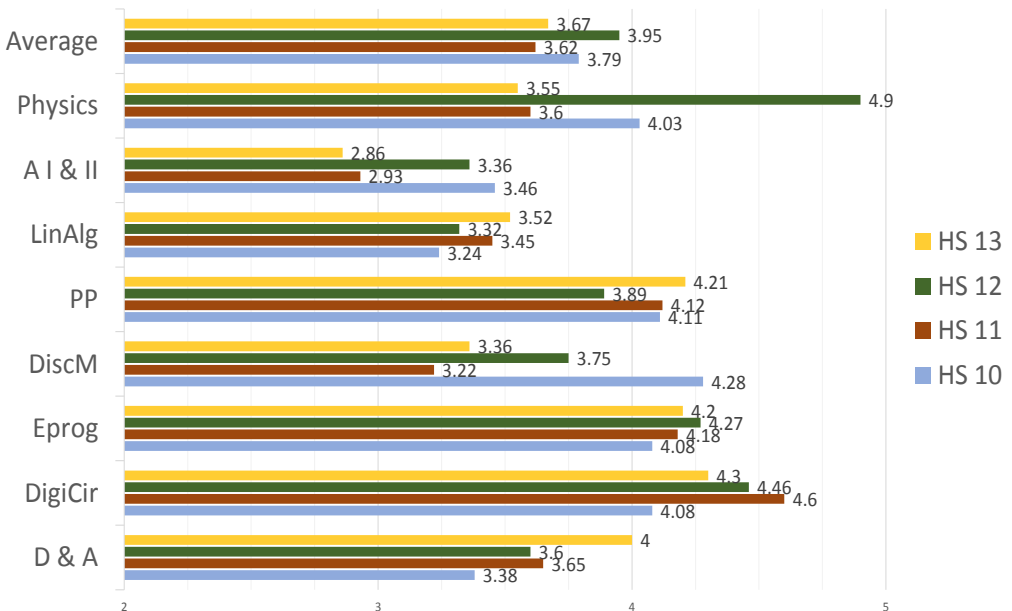
**Congratulations on another survived exam session! As nice as it is to pass the exams, how amazing is it to look at the statistics the exam sessions provide? Well, let's get started!**

## First Year Exams ("Basisprüfung")

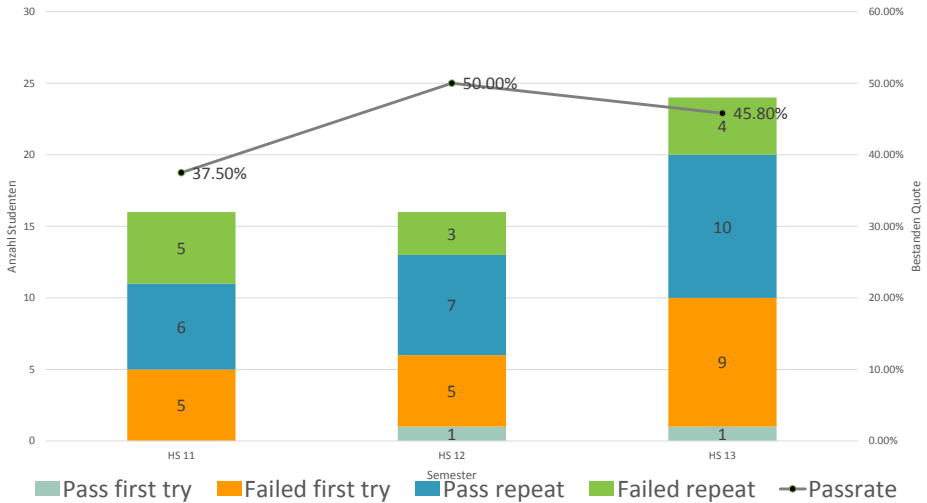
Each autumn semester, a small group of first year bachelor students write their "Basisprüfung". For the most part, this group consists of students who repeat the exams. However, a trend seems to be emerging towards doing one's first trail in the winter instead of the summer. It would be interesting to find out what the reason behind this is.

With an average grade of 3.67 (-0.28), the result lies within the expected range. "Data Structures & Algorithms" improved by +0.40, a similar improvement as in the summer (+0.51). At the other extreme is "Physics" with an average grade of 3.55 (-1.35). Probably the largest shock was to see "Calculus I & II" end up at an average grade of 2.86 (-0.50), the lowest since the spring term 2010.

### Average Grade First Year Examination



## Attendance / Pass Rate First Year Examinations



### Compulsory Courses

This year “Theoretical Computer Science” is arguably the most interesting compulsory course. The average grade increased to 4.91 (+0.41) and the success rate also increased by 8.80 %. After a short improvement last year, “Probability and Statistics” is back in the usual range with its 4.48 (−0.16) average grade. Barely noticeable are the slight improvements in “Numerical Methods for CSE” (+0.08) and “Systems Programming and Computer Architecture” (+0.09).

### Compulsory Major Courses

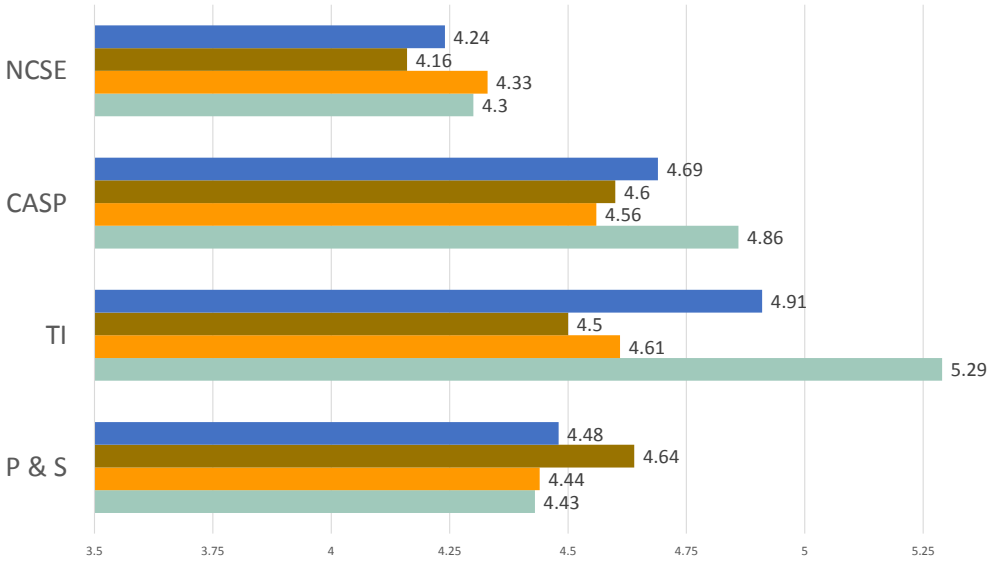
For all four courses in this category there is a decline in the amount of students taking the courses. On the up side, only “Visual Computing” declined to an average of 4.59 (−0.11), while “Distributed Systems” (+0.33), “Algorithms, Probability, and Computing” (+0.09) and “Compiler Design” (+0.02) improved their average grade.

Just like in the previous years, all students passed “Compiler Design”. Although the average grades improved in “Algorithms, Probability, and Computing”, only 73.8 % (−13.1 %) of the students passed the exam. This is the lowest value for the whole course category.

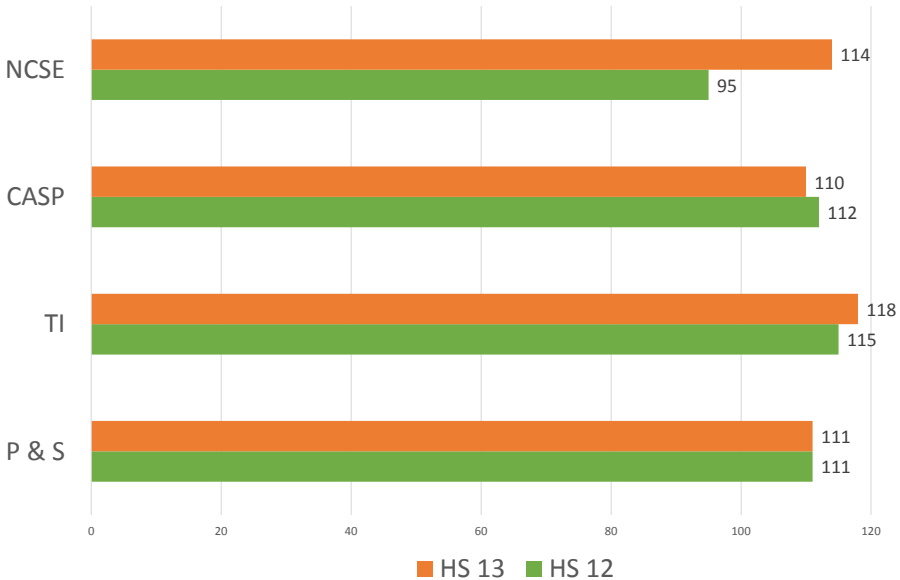


## Average Grade Compulsory Courses

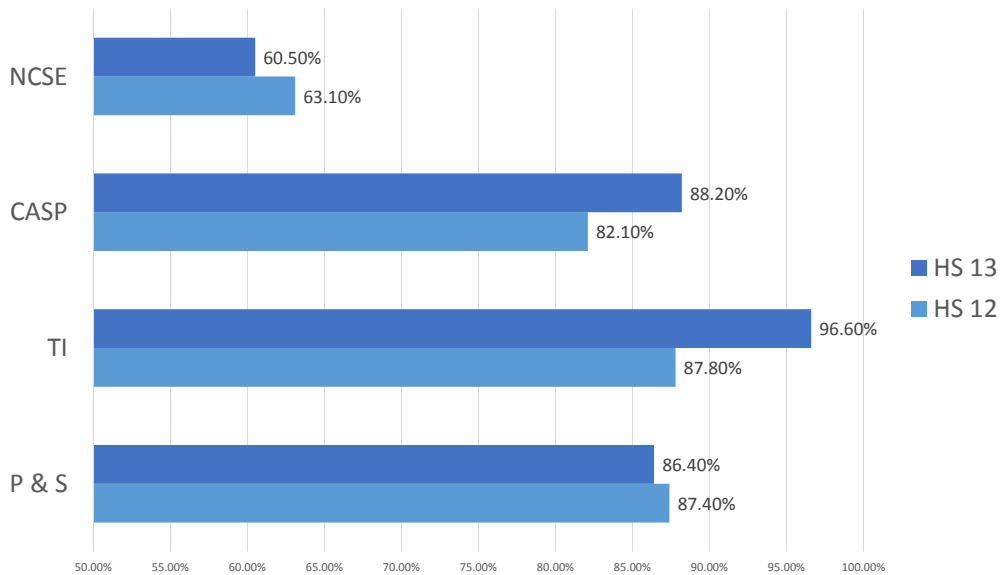
■ HS 13 ■ HS 12 ■ HS 11 ■ HS 10



## Attendance Compulsory Courses

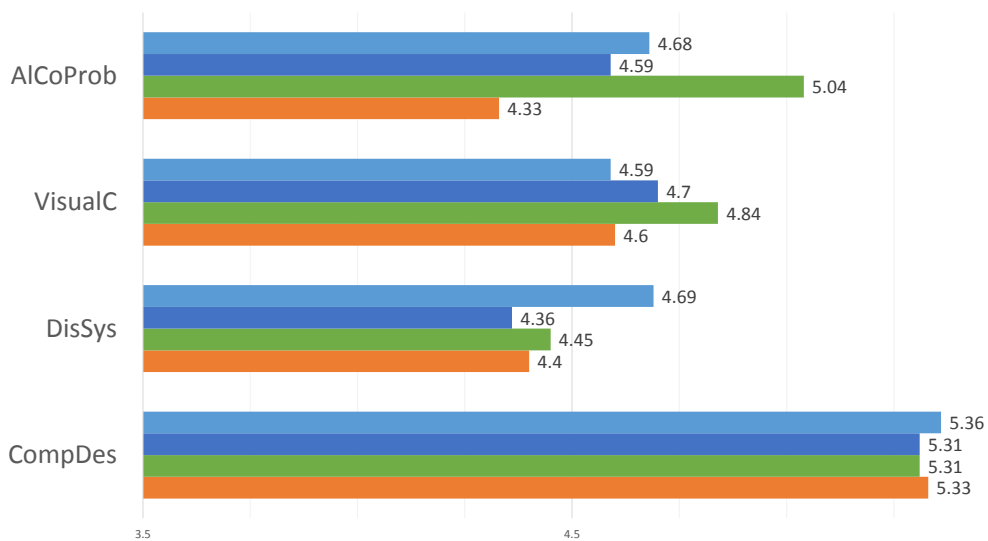


## Pass rate Compulsory Courses

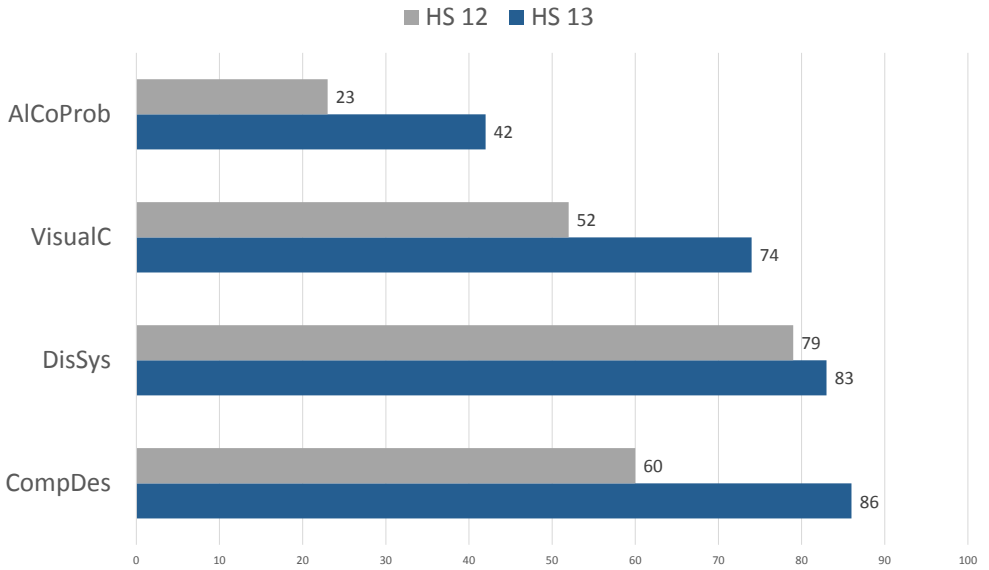


## Average Grade Compulsory Major Courses

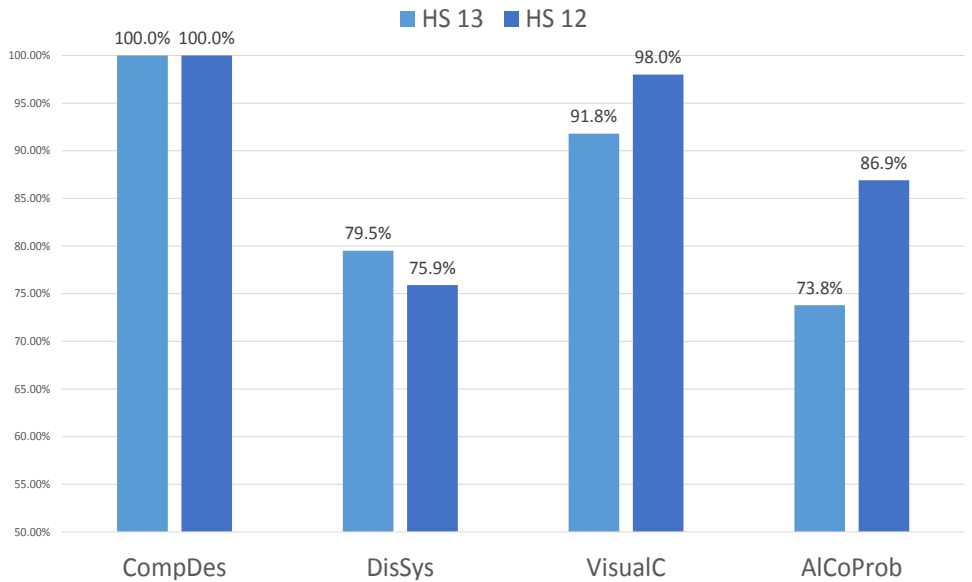
■ HS 10 ■ HS 11 ■ HS 12 ■ HS 13



### Attendance Compulsory Major Courses

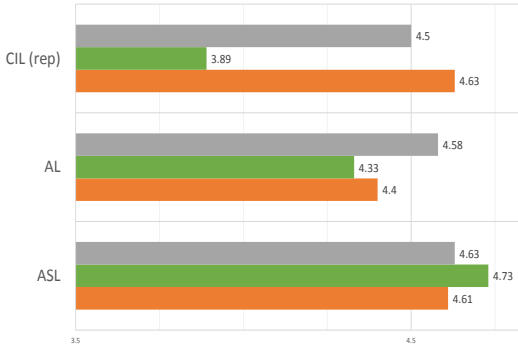


### Pass rate Compulsory Major Courses



### Average Grade Labs FS

■ HS 11 ■ HS 12 ■ HS 13




### Interfocus Courses

First, let me mention that “Computational Intelligence Lab” is a repetition in the autumn term. This year’s students, the four people repeating the exam, performed very well and

improved their average grade to a 4.50 (+0.61). Also, the average grade of the “Algorithms Lab” improved this year by +0.25. Only the average grade of “Advanced Systems Lab” declined to 4.63, which corresponds to the results from two years ago.

As every autumn term we now have the final count of finished master’s degrees. We congratulate everyone for finishing their studies and wish them a bright and successful future!

As we already mentioned in the last grade statistics, there is a trend towards more people choosing the “General Computer Science” track. It is difficult to say whether other tracks lose students to the “General Computer Science” master because the number of students is rising with each new year. 

### Master Graduation

