1 Recitations and Changes of Units

The Undergraduate Curriculum Committee (UCC) of the Department of Mathematical Sciences recommends to add one recitation session per week for the course 21-369 Numerical Methods and change the number of units from 9 to 12.

21-369 is a course on the mathematics of numerical methods, which has a strong computing and programming component. This course covers a breadth of methods and algorithms, and as it stands currently, lessons in programming and computing are part of the regular lectures. Programming lessons (typically in MATLAB) are necessary to guarantee student success in the course and their advancement through the course material. However, the additional computing lessons (about 8-10 lectures) limit progress through the mathematical material. Additional weekly office hours have also been needed to provide assistance on computing. The addition of a recitation and teaching assistant should fix this issue. Each recitation will focus on computing and programming. The teaching assistant will provide office hours to support that aspect of the course. The units for this course should be increased to 12 since there will be one additional in-class recitation which will also increase the out-of-class workload by two hours per week for each student. This is a total increase of three hours of work per week for the students. This change should occur during Fall 2018.

In the Fall 2016 the course had 45 students (it was capped. There were several students in the waiting list).