

## Grad Track 5 year plan

### Real Analysis Focus/Topology secondary focus

Fall Year 1 Math 1710 Science 1 Lab 1 CSCE 1030 Minor 1 ENGL 1310 (17 hrs)	Spring Year 1 Math 1720 Math 2000 Science 2 Lab 2 Minor 2 Core 2 (16 hrs)	Summer Year 1
Fall Year 2 Math 2700 Math 2730 Science 3 Lab 3 Minor 3 Core 3 (16 hrs)	Spring Year 2 Math 3000 Math 3680 TECM 2700 Minor 4 Core 4 (15 hrs)	Summer Year 2
Fall Year 3 <b>Math 3510</b> <b>Math 3610</b> Minor 5 Core 5 Elective 1 (15 hrs)	Spring Year 3 <b>Math 4500</b> Technical Writing 2 Minor 6 Core 6 Elective 2 (15 hrs)	Summer Year 3
Fall Year 4 / Grad Track year1 <b>Math 5310</b> <b>Math 5610</b> Core 7 Elective 3 Elective 4 (15 hrs)	Spring Year 4 /Grad track year 1 <b>Math 5320</b> <b>Math 5620</b> Core 8 Elective 5 (12 hrs)	Summer Year 4  <b>Math 5900</b> <b>(independent study with advisor)</b>
Fall Year 5/ Grad School year 2  <b>Math 5520</b> <b>Math 5000</b> <b>Math 5900</b> <b>(independent study with advisor)</b>	Spring Year 5/ Grad School year 2  <b>Math 6610</b> <b>Math 6110</b> <b>Math 5900</b> <b>(independent study with advisor)</b>	Summer Year 5/ Grad School year 2  <b>Math 5900</b> <b>(independent study with advisor)</b>

#### Notes:

- Applicants must complete Math 3510, 3610, and 4500 with grade of A in each course.
- Students must have completed at least 75 hours with overall GPA of 3.5
- Students interested in a secondary focus other than Topology may, upon approval by the Graduate Advisor, modify this plan to reflect their mathematical interests.
- The courses listed above utilize the technical-writing option for the Bachelor of Science degree. For a plan that uses the foreign-language option, please see an undergraduate advisor.
- Student should consult with an advisor for suggestions about suitable science, core, minor, and elective courses, including the sequencing of these courses.

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- The above schedule shows one way that students can complete all requirements for the Bachelor of Science and Master of Science in five years. Grad Track students who choose to take different graduate-level courses in the fourth year of this plan may not be able to complete all requirements in five years. Indeed, all courses must be approved by the Graduate Advisor prior to registering to classes.