

# M.S/Ph.D. in Mathematics Study Plan

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Name: \_\_\_\_\_

Current term \_\_\_\_\_

Started in \_\_\_\_\_

**M.S. Core Requirements (not including 4 electives: \_\_\_\_\_)**

Course	When will be/was taken	Course	When will be/was taken
601		631	
602		632	
_____(appl 1)		_____(appl 2)	

## Ph.D. Preliminary Exams

Exam	When will be/was taken (*= delayed with permission of Grad Comm.)
Algebra	
Analysis	

## Ph.D. Core Requirements (not including electives)

Mathematics Option		Statistics Option	
Course Number	Semester	Course Number	Semester
661		701	
731 or 761		712 or 721	
701		_____(statistics 1)	
712 or 721		_____(statistics 2)	
_____(applicable 3)		682 or 683	
_____(applicable 4)		_____(applied stats)	

## Ph.D. Qualifying Exams

Exam	When will be/was taken
Major:	
Minor:	

Ph.D. advisor	
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Academic Advisor: \_\_\_\_\_

Date: \_\_\_\_\_

## Notes:

The following items are drawn from the department website, which you should consult for more information.

- Typical load is three courses per semester. Four is possible.
- Any 600-level course is acceptable as an elective for the M.S., and a select list of 500-level courses: 513, 517, 518, 521 (if followed by a more advanced stats course), 525, 526, 541, 551, 554, 581 (if in the first year and followed by some 68x). Note that these courses are the 500-level ones with no 600-level counterpart.
- Applicable sequence for M.S. must be one of 645/646, 651/652, 682/683, 683/684.
- Two attempts at each Prelim exam are allowed, in May and August following the first year in the program.
- Applicable sequence for Ph.D. with Mathematics Option must be one of 645/646, 651/652, 653/654, 682/683, 683/684, 683/704, or 684/704. The courses elected to satisfy this requirement may not include those elected to satisfy the M.S. requirements.
- Statistics breadth requirement for Ph.D. with Statistics Option must be one of 651/652 or 653/654.
- Applied Statistics requirement must be one of: APM 625 (Sampling Techniques), MAS 766 (Linear Statistical Models I: Regression Models), MAS 777 (Times Series Modeling and Analysis), PSY 853 (Experimental Design and Statistical Tests), PSY 854 (Statistical Analysis in Research Design), PSY 857 (Multivariate Analysis).
- The Qualifying Exams cover the following sequences: 701/702, 731/732, 645/646, 651/652, 661/761, and 683/684. One of these exams is designated by the student as the Major Examination and is in the field in which he/she anticipates writing his/her thesis. The other examination is called the Minor Examination. There are some restrictions on which combinations of Major/Minor Examination can be taken; see the website.
- First attempt at the Major Qualifying Exam must be no later than the August before your third year at SU, and last attempt no later than the August before your fourth year. Last attempt at the Minor Qualifying Exam must be no later than January during your fourth year. Only two attempts are allowed at each.
- Requirements for the "Emphasis in Statistics" degrees are not listed here; see the website.