

Graduate Course Plan

Master of Science in Statistics and Applied Math – Applied Math Option

I. MAJOR REQUIRED: 14 units

Pref	No	Title	Units	Sem/Yr	Gr
STA	4320	Applied Regression Analysis	4		
STA	4400	Mathematical Statistics I	3		
MAT	5080	Numerical Analysis I	4		
MAT	5450	Mathematical Modeling I	3		

II. SUBPLAN/OPTION REQUIRED: 6 or 7 units

Pref	No	Title	Units	Sem/Yr	Gr
*TBD					
*TBD					

*TBD: See the university catalog for details on suitable courses: MAT 5090, 5110, 5460, or 5800.

III. SUBPLAN/OPTION ELECTIVES: 5 to 8 units *(need a total of 30 units overall)*.

Pref	No	Title	Units	Sem/Yr	Gr

Most 4000- and 5000-level MAE, MAT, and STA courses are suitable electives. See catalog for details.

IV. CULMINATING EXPERIENCE: Either Thesis (4 units) or Comprehensive Exams (2 units)

- Thesis: 2 units of MAT 6910 and 2 units of MAT 6960.
- Comprehensive Exams: 2 units of MAT 6970 (1 unit per exam).

Pref	No	Title	Units	Sem/Yr	Gr

UNIVERSITY REQUIREMENTS: 30 units overall with at least 18 units at the 5000 or 6000 level.

TOTAL UNITS, Parts I - IV: _____ TOTAL at 5000 or 6000 level: _____