MS in Applied Statistics – Plan of Study

Name _____ Assigned Advisor_____

Coursework
The program requires completion of the 21 credit hour **APST-MS Core**

	Credits	Sem./Year	Grade
MSSC 5710 Mathematical Statistics	__3___	_____	_____
MSSC 5780 Regression Analysis	__3___	_____	_____
MSSC 6010 Computational Probability	__3___	_____	_____
MSSC 6020 Statistical Simulation	__3___	_____	_____
MSSC 6040 Applied Linear Algebra	__3___	_____	_____
MSSC 6240 Design and Analysis of Scientific Experiments	__3___	_____	_____
MSSC 6250 Statistical Machine Learning	__3___	_____	_____

If a non-thesis Plan B student, 3 credits of practicum is required and 30 credits total

	Credits	Sem./Year	Grade
MSSC 6975 Practicum	__3___	_____	_____

If a thesis Plan A student, 6 credits of thesis is required plus a written thesis and 30 credits total

	Credits	Sem./Year	Grade
MSSC 6999 Master's Thesis	__3___	_____	_____
MSSC 6999 Master's Thesis	__3___	_____	_____

Additional approved elective courses to reach 30 credits.

Course number and title	Credits	Sem./Year	Grade
i.e. MSSC 5700 Theory of Probability_____	__3___	__F21___	__A__
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

Use this form every semester in consultation with your advisor to complete your degree.

It is recommended that all APST-MS students join the ASA as a student member.

Upon degree completion, students are eligible to apply for ASA GStat certification.

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List of courses by Semester

Fall Year 1	Spring Year 1	Summer Year 1

Fall Year 2	Spring Year 2	Summer Year 2

Fall Year 3	Spring Year 3	Summer Year 3

Approved courses within MSSC:

The following is the list of approved within department electives:

MSSC 5540	Numerical Analysis	3 credits
MSSC 5630	Mathematical Modeling and Analysis	3 credits
MSSC 5700	Theory of Probability	3 credits
MSSC 5750	Computational Statistics	3 credits
MSSC 5760	Time Series Analysis	3 credits
MSSC 5931*	Topics in Mathematical or Statistical Sciences	1-3 credits
MSSC 6000	Scientific Computing	3 credits
MSSC 6030	Applied Mathematical Analysis	3 credits
MSSC 6210	Theory of Statistics	3 credits
MSSC 6230	Multivariate Statistical Analysis	3 credits
MSSC 6931*	Topics in Mathematical or Statistical Sciences	1-3 credits
MSSC 6960*	Seminar in Mathematical or Statistical Sciences	1-3 credits
MSSC 6995*	Independent Study in Mathematical or Statistical Sciences	1-5 credits

*Depending on the course topic and approval by program director. Topic to be of a statistical nature.