

# APPLIED STATISTICS - MASTER OF SCIENCE

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Students must choose one of two options to complete the course requirements: the research option or the coursework-only option.

## Research Option

Under the research option, the combined research (A ST 598 or A ST 599) and elective credits must equal nine. The number of research credits may vary from four to six, with the remaining credits fulfilled with electives.

Prefix	Title	Credits
<b>Theory</b>		
A ST 565	Statistical Analysis I	3
A ST 566	Statistical Analysis II	3
<b>Methods</b>		
A ST 503	SAS Basics	3
A ST 505	Statistical Inference I	4
A ST 506	Statistical Inference II	3
A ST 507	Advanced Regression	3
A ST 509	Statistical Models for Complex Data Structures	3
<b>Research</b>		
A ST 598	Special Research Problems	4-6
or A ST 599	Master's Thesis	
<b>Electives</b>		
Electives sufficient to bring total credits to 34		5-3
<b>Capstone</b>		
A ST 554	Practicum in Statistics	3
<b>Total Credits</b>		<b>34</b>

## Coursework Only Option

Prefix	Title	Credits
<b>Theory</b>		
A ST 565	Statistical Analysis I	3
A ST 566	Statistical Analysis II	3
<b>Methods</b>		
A ST 503	SAS Basics	3
A ST 505	Statistical Inference I	4
A ST 506	Statistical Inference II	3
A ST 507	Advanced Regression	3
A ST 509	Statistical Models for Complex Data Structures	3
<b>Electives</b>		
Electives sufficient to bring total credits to 34		9
<b>Capstone</b>		
A ST 554	Practicum in Statistics	3
<b>Total Credits</b>		<b>34</b>