

APPLIED STATISTICS - MASTER OF SCIENCE

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 six. The number of research credits may vary from four to six, with the remaining credits fulfilled with electives.

Prefix	Title	Credits
Theory		
A ST 565	Statistical Analysis I	3
A ST 566	Statistical Analysis II	3
Methods		
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
A ST 515	Statistical Analysis with R	3
Research		
A ST 598 or A ST 599	Special Research Problems Master's Thesis	4-6
Electives		
Electives sufficient to bring total credits to 34		2-0
Capstone		
A ST 554	Practicum in Statistics	3
Total Credits		34

Coursework Only Option

Prefix	Title	Credits
Theory		
A ST 565	Statistical Analysis I	3
A ST 566	Statistical Analysis II	3
Methods		
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
A ST 515	Statistical Analysis with R	3
Electives		
Electives sufficient to bring total credits to 34		6
Capstone		
A ST 554	Practicum in Statistics	3
Total Credits		34