

APPLIED STATISTICS - DOCTOR OF PHILOSOPHY

A Suggested Plan of Study

First Year		
Fall		Credits
A ST 565	Statistical Analysis I	3
A ST 503 or A ST 515	SAS Basics or Statistical Analysis with R	3
A ST 505	Statistical Inference I	4
Credits		10
Spring		
A ST 566	Statistical Analysis II	3
A ST 507	Advanced Regression	3
Elective		3
Credits		9
Second Year		
Fall		
A ST 509	Statistical Models for Complex Data Structures	3
A ST 506	Statistical Inference II	3
Elective		3
Credits		9
Spring		
A ST 616	Computational Statistics	3
A ST 540	Predictive Analytics	3
A ST 554	Practicum in Statistics	3
Credits		9
Third Year		
Fall		
A ST 665	Bayesian Theory	3
A ST 609	Linear Model Theory	3
Elective		3
Credits		9
Spring		
A ST 645	Time Series Methods	3
Elective		3
Dissertation research		3
Credits		9
Fourth Year		
Fall		
A ST 700	Doctoral Dissertation (Dissertation)	9
Credits		9
Spring		
Dissertation research		6
Credits		6
Total Credits		70