LIBERTY
UNIVERSITY.
THE GRADUATE SCHOOL

Master of Science in Applied Statistics (M.S.)
2024-2025 Degree Completion Plan

CORE COURSES (21 hours)

		Hrs	Sem	Grade
STAT 501	Statistical Computing	3	_____	_____
STAT 502	Regression Analysis & Modeling	3	_____	_____
STAT 510	Experimental Design	3	_____	_____
STAT 541	Probability	3	_____	_____
STAT 542	Mathematical Statistics	3	_____	_____
STAT 543	Advanced Statistical Methods	3	_____	_____
STAT 545	Exploratory Data Analysis	3	_____	_____

APPLIED STATISTICS COURSES (15 hours)

		Hrs	Sem	Grade
CSIS 657	Statistical Analysis & Data Mining	3	_____	_____
HLTH 501	Biostatistics	3	_____	_____
STAT 513	Bayesian Statistics	3	_____	_____
STAT 514	Nonparametric Statistics	3	_____	_____
STAT 550	Statistical Consulting Practicum	3	_____	_____
	TOTAL HOURS	**36**		

Graduation Requirements

Complete 36 hours

A maximum of 50% of the program hours may be transferred if approved and allowable, including credit from an earned degree from Liberty University on the same academic level

3.0 GPA

Grades of C are not permitted in the Core area (includes grades of C+ & C-)

No more than two grades of C may be applied to the degree (includes grades of C+ & C-)

No grade of D or below may be applied to the degree (includes grades of D+ & D-)

Degree must be completed within 5 years

Submission of Degree Completion Application must be completed within the last semester of a student's anticipated graduation date

Notes

All applicable prerequisites must be met
Suggested Course Sequence on second page

Offered in Online Format

SUGGESTED COURSE SEQUENCE

First Semester

STAT 501	3	
STAT 541	3	
HLTH 501	3	
	Total	9

Second Semester

STAT 502	3	
STAT 513	3	
STAT 514	3	
	Total	9

Third Semester

STAT 545	3	
STAT 510	3	
STAT 542	3	
	Total	9

Fourth Semester

CSIS 657	3	
STAT 543	3	
STAT 550	3	
	Total	9