

APPLIED STATISTICS (M.S.)

Delivery Format: Online Only

Code	Title	Hours
Core Courses		
STAT 501	Statistical Computing	3
STAT 502	Regression Analysis and 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
Total Hours		21

Code	Title	Hours
Applied Statistics Courses		
CSIS 657	Statistical Analysis and 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		15

All Applicable prerequisites must be met

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

Program Offered in Online Format

Course Sequence

Course	Title	Hours
First Year		
First Semester		
STAT 500		
STAT 541	Probability	3
HLTH 501	Biostatistics	3
Hours		6
Second Semester		
STAT 502	Regression Analysis and Modeling	3
STAT 513	Bayesian Statistics	3

Course	Title	Hours
STAT 514	Nonparametric Statistics	3
Hours		9
Second Year		
First Semester		
STAT 545	Exploratory Data Analysis	3
STAT 510	Experimental Design	3
STAT 542	Mathematical Statistics	3
Hours		9
Second Semester		
CSIS 657	Statistical Analysis and Data Mining	3
STAT 543	Advanced Statistical Methods	3
STAT 550	Statistical Consulting Practicum	3
Hours		9
Total Hours		33