

STATISTICS, MINOR IN

A minor in statistics consists of a minimum of 18 credits and is administered by the Department of Statistical Sciences and Operations Research. These credits include:

Course	Title	Hours
Calculus (three credits minimum)		
MATH 200	Calculus with Analytic Geometry I	3-4
or BUSN 212	Differential Calculus and Optimization for Business	
or SCMA 212	Differential Calculus and Optimization for Business	
Introductory statistics (three credits minimum)		
STAT 210	Basic Practice of Statistics	3
or STAT 212	Concepts of Statistics	
Electives		
Choose four courses from the list of upper-level statistics electives, below		12-13
Total Hours		18

A minimum GPA of 2.0 must be achieved in the minor. Mathematical sciences majors cannot minor in statistics.

Upper-level statistics electives

For the minor in statistics, four courses (12 credits minimum) must be chosen from the following list. A minimum grade of C is required in each of these courses.

Course	Title	Hours
STAT 305	Intermediate Statistics	3-4
or STAT 314	Applications of Statistics	
STAT 309	Introduction to Probability Theory	3
STAT 310	Introduction to Statistical Inference	3
STAT 321	Introduction to Statistical Computing	3
STAT 403	Introduction to Stochastic Processes	3
STAT 421	Applied Statistical Computing Using R	3
STAT 422	Structured Problem Solving Using Statistics	3
STAT 423	Nonparametric Statistics	3
STAT 425	Multivariate Statistics	3
STAT 435	Industrial Statistics	3
STAT 441	Applied Statistics for Engineers and Scientists	3
or STAT 543	Statistical Methods I	
STAT 443	Regression	3
STAT 447	Introduction to Statistical Data Science	3
STAT 475	Time Series	3
STAT 513	Mathematical Statistics I	3
STAT 514	Mathematical Statistics II	3
STAT 534	Statistical Data Science I	3
STAT 544	Statistical Methods II	3
STAT 545	Applied Bayesian Statistics	3
STAT 546	Linear Models	3