

# STATISTICS, MINOR

---

In today's world, one is able to create and analyze large data sets in a way that was not computationally possible for previous generations.

Statistics is a means of describing a collection of data. Knowledge of statistics helps researchers with data collection, analysis, and presentation. The minor in statistics complements majors in any quantitative area, including the sciences, social science, computer science, and finance.

## Requirements

The five required Mathematics courses for the statistics minor must be passed with grades of C- or higher. At least three of the courses must be completed at Roosevelt University.

Code	Title	Credit Hours
<b>Core</b>		
MATH 231	CALCULUS I	5
<b>Electives</b>		
Select four of the following:		12
MATH 217	ELEMENTARY STATISTICS	
MATH 238	APPLIED PROBABILITY AND STATISTICS	
MATH 280	MATHEMATICAL MODELING	
MATH 307	DIFFERENTIAL EQUATION/MODELING	
MATH 309	DATA MINING	
MATH 323	COOPERATION AND COMPETITION – GAME THEORY AND APPLICATIONS	
MATH 328	LINEAR PROGRAMMING & OPTIMIZATION	
MATH 339	BASEBALL STATISTICS	
MATH 345	COMBINATORICS	
MATH 347	PROBABILITY THEORY	
MATH 348	MATHEMATICAL STATISTICS	
MATH 349	REGRESSION & TIME SERIES	
MATH 369	MODELS FOR LIFE CONTINGENCIES	
MATH 390	INDUSTRIAL RESEARCH PROBLEMS	
Total Credit Hours		17