

STATISTICS, MINOR

The ability to process and analyze large data sets is essential in today's world. 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.

Transfer students who have electives in statistics from their previous institution are encouraged to discuss these with the chair.

| Code | Title | Credit Hours |
|-------------------------------|-----------------------------------|--------------|
| Core | | |
| MATH 231 | CALCULUS I | 5 |
| Electives | | |
| Select four of the following: | | 12 |
| MATH 217 | ELEMENTARY STATISTICS | |
| MATH 307 | DIFFERENTIAL EQUATION/MODELING | |
| MATH 309 | DATA MINING | |
| MATH 323 | GAME THEORY AND APPLICATIONS | |
| MATH 328 | LINEAR PROGRAMMING & OPTIMIZATION | |
| MATH 339 | BASEBALL STATISTICS | |
| 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 |