Mathematical Statistics Minor

Statistics is a fundamental discipline which is highly desired by employers in many areas of science and social science, business, finance, and medical research. Students will have a significant background and training in mathematics or data science.

Statistics Minor Requirements

Code	Title	Credits
MATH 253Z	Calculus: Sequences and Series	4
MATH 341–342	Elementary Linear Algebra [1]	8
MATH 461–462	Introduction to Mathematical Methods of Statistics I-II [2]	8
MATH 463	Mathematical Methods of Regression Analysis and Analysis of Variance [2]	4
Upper-Division Course in Statistics [2]		4
MATH 467	Stochastic Processes	
MATH/DSCI 345M	Probability and Statistics for Data Science [3]	
MATH/BI 499M	Stochastic Dynamical Modeling in Biology	
Total Credits		**28**

1. Courses must be taken for a letter grade of C- or better or a mark of Pass (P or P*).
2. Courses must be taken for a letter grade and passed with a grade of C- or better.
3. After completing MATH 462, students cannot receive credit for MATH 345M/DSCI 345M.

Residency Requirements

We expect students to be in residency for the core Math 461/462/463 sequence and for the remaining 4 credits of applied statistics taught in the Mathematics Department or another science/social science department on campus.

Overlap Policy

The core 461/462/463 sequence will not be allowed to count towards other majors or minors, including Mathematics, Data Sciences, or Computer Science. The additional upper-division 4 credit course in applied statistics will not be allowed to count towards the Mathematics major, Mathematics minor, or Mathematics and Computer Science major.