

Statistics Minor Program

The completion of the minor requires

- 14 credit hours (grade of C- or better) from the core courses;
- a minimum of 12 credit hours (grade of C- or better) from the elective courses.

Core courses for Statistics Minor (14 credit hours):

Course Number	Course Title	Pre-requisites	Semester	Credit Hours
MATH1061	Calculus I	See Catalyst	Fall & Spring	4
MATH1062	Calculus II	MATH1061	Fall & Spring	4
STAT2037	Probability and Statistics I	MATH1045; or MATH1062	Fall & Spring	3
STAT3038	Probability and Statistics II	STAT2037	Fall & Spring	3

Minimum of 12 credit hours from the following elective courses:

Course Number	Course Title	Pre-requisites	Semester (as of AY23-24)*	Credit Hours
MATH2076	Linear Algebra	MATH1062	Fall & Spring	3
STAT3041	Introduction to Data Science	STAT2037	Fall & Spring	3
STAT4041	Bayesian Data Science	STAT3038 and STAT3041	Fall (only)	3
STAT4121	Mathematical Statistics I	MATH2063, MATH2076, and STAT2037	Fall & Spring	3
STAT4131	Applied Regression Analysis	MATH2063, MATH2076, and STAT2037	Fall & Spring	3
STAT5141	Time Series	STAT4131	Spring	3
STAT5142	Survival Analysis and Logistic Regression	STAT4131	Fall	3
STAT5143	Applied Bayesian Analysis	STAT4121	Spring	3
STAT5144	Nonparametric Statistics	STAT3038	**	3
STAT5145	Statistical Computing	STAT3038	Fall	3
STAT5171	Statistics and Machine Learning	STAT4121 and STAT4131	Spring	3

* The offering semesters are for the academic year (AY) 2023-2024. This may change for the next AY. Please check it with Catalyst. Some lower-level (1000/2000) courses may also be offered in Summer.

For more information, contact the Undergraduate Program Director - Statistics

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