

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 – Typically Offered	Credit Hours
MATH1061	Calculus I	See Catalyst	Fall & Spring & Summer	4
MATH1062	Calculus II	MATH1061	Fall & Spring & Summer	4
STAT2037	Probability and Statistics I	MATH1045 or MATH1062	Fall & Spring & Summer	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 – Typically Offered*	Credit Hours
MATH2076	Linear Algebra	MATH1062	Fall & Spring & Summer	3
STAT3041	Data Science and Statistics	STAT2037	Fall & Spring	3
STAT4041	Bayesian Data Science	STAT3038 or STAT3041	Fall (only)	3
STAT4121	Mathematical Statistics I	STAT3038	Fall & Spring	3
STAT4131	Regression Analysis and Statistical Learning	STAT3038	Fall & Spring	3
STAT5141	Time Series	Will be changed to STAT4131 (current 4031+M2076)	Spring	3
STAT5142	Survival Analysis and Logistic Regression	STAT4131	**	3
STAT5143	Applied Bayesian Analysis	STAT4121	Spring	3
STAT5144	Nonparametric Statistics	STAT3038	2024 Fall	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 and 2024-2025. This may change due to low registration or the unavailability of an instructor. **Please check it on the Catalyst and with your college advisor** and the STAT undergraduate program director. Caveat: Some courses may be closed at the beginning of the semester because of low enrollment.

For more information, contact the Undergraduate Program Director - Statistics

- Dr. Taige Wang (taige.wang@uc.edu), 4306 French Hall