STATISTICS MINOR

Offered at: San Luis Obispo Campus

The statistics minor program allows students from across the University to acquire substantial statistical skills that can be applied in their own disciplines. Please consult the Statistics Department website or the Statistics Department Minor Advisor for admissions requirements for the minor.

Minor Requirements and Curriculum

The minor must be completed prior to, or at the same time as, the requirements for the bachelor's degree. A major and a minor may not be taken in the same degree program, and a minor is not required for a degree. Requirements for the minor include:

- At least half of the units must be from upper-division courses (3000-4000 level).
- At least half of the units must be taken at Cal Poly (in residence).
- No more than one-third of the units will be taken with credit-no credit grading (CR/NC), not counting courses with mandatory CR/NC. Departments may further limit CR/NC grading if desired.
- A minimum 2.0 GPA is required in all units counted for completion of the minor.

Code	Title	Units
REQUIRED COURSES		
DATA/STAT 1810	Introduction to Statistical Computing with R	3
STAT 1220	Business Statistics II	3
or STAT 3520	Statistics II	
Select from the following:		3
STAT 1110	Applied Statistical Concepts and Methods	
STAT 1210	Business Statistics I	
STAT 1510	Statistics I	
STAT 3210	Engineering Statistics	
Approved Electives		
Select from the following:		9
DATA 3301	Introduction to Data Science	
DATA/STAT 3800	Introduction to Statistical Computing with SAS and SQL	
DATA/STAT 3820	Intermediate Statistical Computing with R	
DATA/STAT 5550	Statistical Learning with R	
STAT 2610	Introduction to Probability and Simulation	
STAT 3430	Applied Regression Analysis	
or STAT 3530	Applied Linear Models	
STAT 3540	Statistical Methods for Study Design and Analysis	
STAT 3710	Teaching Statistics: Pedagogy, Content, Technology, and Assessment	
STAT 4610	Probability Theory	
STAT 4620	Statistical Theory	
STAT 4740	Multilevel and Mixed Modeling	
STAT 4750	Bayesian Reasoning and Methods	
STAT 4760	Statistical Analysis of Time Series	
STAT 4770	Survival Analysis Methods	
STAT 4780	Categorical Data Analysis	
STAT 4790	Applied Multivariate Statistics	
STAT 5530	Generalized Linear Models	
STAT 5710	Applied Stochastic Processes	
STAT 5740	Advanced Design and Analysis of Experiments	
Total Units		**18**