Statistical Methods Minor

For information, contact the Department of Statistics, 311 Upham Hall, 513-529-7828.

This minor builds on the statistical methods of estimation and hypothesis testing introduced in the introductory statistics course. It includes additional study of the statistical methods involved in regression analysis and experimental design as well as options for study of non-parametric, quality control, data visualization, and/or sampling methods. A Capstone experience in statistics may also be included as part of the minor.

This minor is not available to students majoring in mathematics, data science and statistics, or mathematics and statistics.

To complete the minor in statistical methods, you must earn at least 18 semester hours with at least a 2.00 GPA. A course taken on a credit/no credit basis does not apply toward the minor.

Program Requirements

(18 semester hours minimum)

Code	Title	Credit Hours
Required Courses:		6-7
STA 261	Statistics	
or STA 301	Applied Statistics	
STA 363	Introduction to Statistical Modeling	
Elective Courses (Select three of the following)		9
STA 333	Nonparametric Statistics	
STA 365	Statistical Monitoring and Design of Experiments	
STA 402	Statistical Programming	
STA 404	Advanced Data Visualization	
STA 432	Survey Sampling in Business	
STA 475	Data Analysis Practicum	
Select one of the following: [1]		3-5
MTH 141	Business Calculus	
MTH 151	Calculus I	
MTH 249	Calculus II	
Total Credit Hours		**18-21**

[1]   Note: A petition to substitute a statistics related course for the calculus requirement (e.g. PSY 294) is welcomed.