The Minor in Statistics

Statistical methods are used in a wide variety of administrative, social, biological, and physical sciences. Employers and members of graduate admissions committees understand the importance of a background in statistics. Earning a Minor in Statistics can give you an important edge in your career as you complete your undergraduate studies.

The Minor in Statistics requires six 3-credit hour STA courses. However, some majors require one or more statistics courses and so students in these majors will not need to take 6 additional courses to get the minor. For example, students majoring in psychology will only need three extra courses beyond what is required to get the B.S. in psychology if they select their elective courses appropriately. The course STA 2023:Statistical Methods I can be chosen to satisfy part 2 of the Mathematical Foundations of the General Education Program, and STA 4163:Statistical Methods II and STA 4164:Statistical Methods III can be selected to satisfy the 6 credit hours of science electives. The remaining three courses needed for the minor would be selected from upper division courses offered by the Department of Statistics. Other majors that have several required or elective STA courses include computer science, mathematics and mathematics education. The following courses, which are offered on a fairly regular basis, would be good choices for students earning a minor in statistics.

STA 4102: Computer Processing of Statistical Data
STA 4222: Sample Survey Methods
STA 4502: Nonparametric Statistical Methods
STA 4504: Categorical Data Analysis
STA 4852: Applied Time Series

The official catalog description of the minor in statistics follows:

Credit Hour Requirements: 18 hrs
Required Courses: (9 hrs)
Select one course: 3 hrs
STA 2023 Statistical Methods I or
STA 3032 Probability and Statistics for Engineers
STA 4163 Statistical Methods II: 3 hrs
STA 4164 Statistical Methods III: 3 hrs
Restricted Upper Division Electives: (9 hrs)
Select from upper division STA prefix courses taught within the Statistics Department. (STA 3032 cannot be used)

Other Requirements
A minimum grade of “C” (2.0) is required in all courses used to satisfy the minor.
At least 15 hours used in the minor must be earned at UCF within the department.
No credit by exam (TSD, Military credit) may be used.
Internship, Co-op, or Independent Study credit cannot be used.
toward the minor.

Any questions can be directed to statistics@ucf.edu