Statistics, Minor

Demand for statisticians is expected to grow 27% by 2022. With a statistics minor, you are prepared to apply your data analysis skills in nearly any area you are passionate about.

Description

The minor in statistics is beneficial for students majoring in a variety of disciplines, such as physics, engineering applications, business, economics, the life and social sciences, or to any field where there is a need for quantification in the analysis of phenomena.

At a Glance

- College/School: The College of Liberal Arts and Sciences
- Location: Tempe campus

Program Requirements

Minor Map (Archives)
2021 - 2022 Minor Map

The minor in statistics requires a minimum of 18 credit hours, of which at least 12 hours must be completed at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or higher.

Required Courses -- 18 credit hours

MAT 271: Calculus with Analytic Geometry II (MA) or MAT 266: Calculus for Engineers II (MA) (3-4)
MAT 272: Calculus with Analytic Geometry III (MA) or MAT 267: Calculus for Engineers III (MA) (3-4)

STP 420: Introductory Applied Statistics (CS) (3)

STP 421: Probability (3)

STP 427: Mathematical Statistics (3)

STP 429: Applied Regression (CS) (3)

STP 421 and STP 427 must be taken through The College of Liberal Arts and Sciences.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

### Enrollment Requirements

**GPA Requirement:** None

**Incompatible Majors:** BS in actuarial science; BS in applied mathematics; BS in computational mathematical science and statistics; BS in data science, BA and BS in mathematics (including all concentrations); BAE in secondary education (mathematics)

**Other Enrollment Requirements:** None

Students should confer with an academic advisor in the School of Mathematical and Statistical Sciences before declaring the minor.

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or the minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

### Career Opportunities

Statistical analysis and data mining have been identified as two of the most desirable skills in today's job market. Based on factors like pay, growth and job satisfaction, statistics has been named in separate job reports as one of the best careers for millennials. Data and the analysis of data is big business, and the Department of Labor projects a 25% growth in the need for employees trained in data analytics.

For students pursuing a minor in statistics, that means an exciting future of career opportunities in fields as diverse as business, finance, engineering, technology, sports, marketing, government, health care, the environment, politics and sports, and other areas of the economy.
Contact Information

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