Program Benefits

- Balance practical applications with theory—and learn to analyze data with SAS, Minitab, and other statistical software.
- Study anywhere in the world while being fully supported by outstanding faculty, student services, and technical assistance.
- Acquire data-driven decision-making skills that are in great demand.

“Be Exceptional™

“We have worked closely with representatives from business and industry to develop these courses, as statistical analysis has become an indispensable component of many industries.”

—Mosuk Chow, Senior Research Associate and Associate Professor

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Applied Statistics

- Master of Applied Statistics
- Graduate Certificate in Applied Statistics

Did you know?

- Penn State credits and degrees earned through online education are identical to those earned on campus.
- Online courses give students the flexibility to control work times and places convenient for them.
- Penn State’s Eberly College of Science champions the online applied statistics program.

www.worldcampus.psu.edu/statistics
Penn State's online master of applied statistics degree program and graduate certificate program in applied statistics are designed to help you hone your research and data-analysis expertise. The skills you gain can be applied across the fields of business, education, health, science, government, and technology—and can enable you to benefit your organization immediately while helping you advance your career.

**Master of Applied Statistics**

The 30-credit master of applied statistics (MAS) program is a professional degree designed for quantitatively oriented students from various backgrounds. The MAS is also suitable for professionals who handle data in their current positions, and who are mainly interested in the practical side of statistics.

The curriculum will provide training in statistics focused on developing data-analysis skills and exploring all core areas of applied statistics, without delving deeply into the mathematical statistics foundations.

**Graduate Certificate in Applied Statistics**

This graduate-level certificate program consists of 12 credits of course work (6 required and 6 elective), allowing you to choose the statistics courses that meet your specific needs, and to learn elements of SAS, Minitab, and other statistical software packages. The course curriculum was developed to give you a broad knowledge of statistical applications.

Based on your acceptance into the master’s degree program, the credits you earn in the certificate program may be applied to the master’s program.

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**Distinguish Yourself as a Leader**

The applied statistics curriculum is designed to help you:

- develop a statistical skill set that is in great demand across a variety of fields
- prepare for the SAS Base Programming Certification Exam by completing a series of three SAS programming elective courses
- explore core areas of applied statistics such as DOE, ANOVA, Analysis of Discrete Data, MANOVA, and many more
- process and analyze data, using your acquired knowledge of industry standard tools

**Student Support**

As a distance education pioneer, Penn State has developed a nationally recognized support system for students who are geographically removed from campus. With our amazing team of academic advisers, technical support experts, customer service representatives, and Penn State instructors, we'll help you get where you want to go—successfully—through online education.

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Begin your application today at:

[www.worldcampus.psu.edu/statistics](http://www.worldcampus.psu.edu/statistics)