The Master of Applied Statistics (M.A.S.) degree emphasizes the practical application of statistics. The innovative curriculum with 19 courses and 31 credits can be completed in 11 months. Upon graduation, students can start working immediately as practicing statisticians.

For application and fees: www.stat.colostate.edu/mas.html

The Statistics Department at CSU, located near the foothills of the beautiful Rocky Mountains, enjoys an international reputation. The faculty are actively involved in the application of statistics to real-world problems across a wide variety of areas. These include biological, environmental, financial and industrial applications.

Career Opportunities

Statisticians are in high demand in all areas of industry, especially the high-tech, medical and pharmaceutical sectors for functions such as quality control, market research, and product development. This master’s degree will help you advance your career by teaching you how to apply statistical procedures to these and other industries.

According to the Bureau of Labor Statistics, employment of statisticians is projected to grow by 14 percent from 2010 to 2020. The demand for individuals with a background in statistics is projected to grow, although some jobs will be in occupations with titles other than ‘statistician.’

As data processing continues to become more efficient and less expensive, an increasing number of employers will want to employ statisticians to take advantage of the new information available.

Contact Us
(970) 491-5268
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An equal-opportunity University.
You will begin the M.A.S. degree with two noncredit mathematics and computing skills courses completed in the three weeks preceding the Fall semester. The Math Skills for Statistical Analysis (MSSA) course provides an intensive review of the necessary methods in calculus and linear algebra to ensure that all students are prepared and have consistent skill sets. The Computing Skills for Statistical Analysis (CSSA) course introduces you to SAS and R software applications for use throughout the program.

The traditional Fall and Spring semesters are divided into eight week subterms made up of four classes (seven credits). Three 2-credit classes and one 1-credit class are offered each subterm, for a total of 28 credits during the regular academic year.

The M.A.S. program concludes with a six-week capstone consulting class in May and June, during which you will work on genuine client problems, learn communication skills and complete a consulting project that allows you to apply the methods learned during the year.