Overview
Demand for adept statisticians is mounting as nearly every industry relies more heavily upon data to guide decisions. Hone your skills and become an essential resource to meet this need with CSU’s online Applied Statistics master’s program. Develop a breadth of tools to help you to apply your analytic skills to design effective studies, make inferences from raw data, and translate those inferences into meaningful contexts.

What you learn
Prepare to meet the growing demands of today’s data-dominated employment landscape, and become more equipped to make an impact in nearly any industry, in nearly any situation where people need answers. This program helps you learn to ask the right questions, so you can accurately design and implement measurement instruments, and produce precise and meaningful results. It also helps you develop your abilities to measure, control, and communicate uncertainty, as well as effectively present your findings to help guide organizational, scientific, and societal advances.

Our online Applied Statistics master’s is taught by the same faculty and features the same curriculum as our on-campus program, and it allows you to earn the same degree as our on-campus students. Considered a terminal degree, this program is intended for those who plan to pursue a career outside of academia, rather than pursue a Ph.D.

Curriculum
The program offers you the option of taking classes part-time or full-time. It can be completed in less than a year for full-time students and less than two years for part-time students. All students start subterm 1 with two noncredit courses that are required as an intense review for coursework to follow.

Full-time students will take three 2-credit courses and one 1-credit course (7 credits) in subterms 2, 3, 4, and 5, totalling 28 credits. During subterm 6, students complete the 3-credit capstone course. Part-time students will take 3-4 credits per subterm, and will wait to take the final capstone course until all other coursework has been completed.

Contact
(970) 492-4898
online.colostate.edu/contact

Delivery
Online

Credits
30 credits

Tuition
$749 per credit
- Includes Student Services
- Fees assessed separately
- Financial aid is available; eligibility determined on an individual basis

Time Frame
The degree begins during the summer term and can be completed in 1 year

More Info
online.colostate.edu/degrees/applied-statistics
How to Apply
Master of Applied Statistics (M.A.S.)

Application Deadline
Fall Semester: March 31

1 Review Minimum Admission Requirements
The Master of Applied Statistics (M.A.S.) requires applicants to have the following:

☐ A four-year bachelor’s degree from a regionally-accredited university
☐ Three semesters of calculus (or at least through multiple integration)
☐ A course in linear algebra
☐ At least one undergraduate-level statistics course
☐ Math Entrance Exam scores or GRE scores

Note that meeting the minimum department standards does not ensure admission to the program. Admission to Colorado State University graduate programs is based on a number of factors, including prior academic and professional experience and your personal statement.

2 Prepare Application Materials
Prepare the materials below and upload when you apply online.

☐ Three letters of recommendation
Three professional recommendations are required. You will provide information about your recommenders in the online application. CSU will contact them with instructions and a link to a secure form they will submit on your behalf.

Letters should be from (1) previous or current college/university instructors, (2) previous or current, immediate professional supervisors, or (3) observers, other than supervisors, who can verify the specific impact of your professional or intellectual expertise. Letters from friends, co-workers, and/or relatives will be considered only as supplements to the required three letters.

☐ Resume

☐ Personal Statement
Summarize your long-term professional and educational goals and how graduate studies will contribute to both in two pages or less.

☐ Math Entrance Exam scores or GRE scores
It is highly recommended you complete the Math Entrance Exam, but GRE scores will also be accepted. The math entrance exam covers calculus and linear algebra, and applicants are provided free preparation materials by the department. To request preparation materials or to make arrangements to take the exam, please contact Karena Alons at alons@stat.colostate.edu. There is no fee for taking this exam; however, the exam must be taken at an approved university testing center which may charge a fee for service. The exam will be available between January 15th and March 15th each year.

☐ Transfer credit
If you have taken prior master's level coursework in statistics, those credits may be considered for transfer into our M.A.S. program if the grade earned was at least a B, and the course was of the appropriate type and level for our M.A.S. program. Any courses that have been taken to fulfill a requirement for another degree, even as an elective, cannot be allowed for transfer. You should send a catalog course description(s), textbook information, and a list of topics covered and course prerequisites.

(970) 492-4898 online.colostate.edu/contact
Complete Online Application

Complete the [online graduate application](#) and pay the nonrefundable application processing fee (payable online). As soon as you have completed the required information, please submit your application. You do not need to wait for recommendations or transcripts to move your application forward.

- Select “Statistics, Applied – MAS, Distance” when choosing the program of study.

Request Transcripts

- Request one official transcript of all collegiate work completed from every institution attended, whether or not you received a degree from those institutions. Transcripts from Colorado State University are not required. Official transcripts can either be mailed in or sent as e-transcripts.
- Send e-transcripts to: gradadmissions@colostate.edu
- Send paper copies to:
  Graduate Admissions
  Colorado State University – Office of Admissions
  1062 Campus Delivery
  Fort Collins, CO 80523-1062

Check Your Application Status

View your [application status](#) at any time to ensure your application checklist is complete or to check on updates. Once your complete application, including supporting materials, is received, the department admission committee will review your application and promptly notify you of their decision.

Information for International Students

Official test scores

Colorado State University requires that proficiency in English language be demonstrated either by the TOEFL, IELTS, or PTE academic tests prior to admission. Please submit one of the official scores from the list below. Scores must be taken within two years prior to admission and submitted directly from the Educational Testing Service (select institution code: 4075).

- The minimum TOEFL score for admission without condition is 567 (paper-based), or 86 (internet-based).
- The minimum IELTS score for admission without condition is 6.5.
- The minimum PTE Academic score for admission without condition is 58.

In general, all applicants from countries in which English is not the official language, and who do not have an undergraduate degree from a country in which the official language is English (Canada, U.K., Australia, USA, New Zealand, etc.), must submit one of the official test scores from the list above.

Questions? Contact a Student Success Coach for help with your application. Call (970) 492-4898.