Applied Statistics
Master of Applied Statistics (M.A.S.)

COLORADO STATE UNIVERSITY
ONLINE

Overview

CSU's online master's in statistics prepares you to confidently measure, control, and communicate uncertainty. You also gain the tools to effectively present findings to help guide organizational, scientific, and societal advances.

Hone your analytical skills and become an essential resource to meet industry needs. As a graduate student in the online statistics program, you will:

- Develop a breadth of tools to help you design effective studies, make inferences from raw data, and translate those inferences into meaningful contexts.
- Learn to use graphics and data visualization to communicate actionable information to those without statistical backgrounds to help organizations drive important decisions.

Choose from two areas of specialization

Students in this program can choose to specialize in either statistical science or data science. Both of these specializations share a set of common coursework and also share some of the same electives. However, students will also complete coursework unique to their chosen area of focus.

An accredited graduate degree program for practicing statisticians

CSU's Master of Applied Statistics is designed to enable students to start working as practicing statisticians in industry, government, or academia immediately after graduation. Taught by the same faculty, and featuring the same curriculum as the on-campus program, you earn the same regionally accredited degree as 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.

Delivery
Online

Credits
31 credits

Tuition
$811 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

Contact
Danielle Keller
Student Success Coach
danielle.keller@colostate.edu
(970) 825-1658

Application Deadlines

Fall semester: **April 30**

❶ Review Admission Requirements

- 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.

❷ Prepare Application Materials

- **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.

❸ 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. Your application will not be reviewed until it is complete and all required materials have been received.

- Select "Applied Statistics / Data Science (M.A.S.) - Distance" or "Applied Statistics / Statistical Science (M.A.S.) - Distance" when choosing the program of study.

❹ 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.

International Students

See *website* for test score and transcript requirements.