2024 Winter Online Data Science Program

NC State University Global Training Initiative

Program Dates
Feb. 5 - Feb. 19, 2024

Program Cost
USD $1,280

Apply by:
Jan. 8, 2024

Program Highlights
Learn and practice most in-demand data science skills with hands-on exposure to key tools and technologies including Python and Tableau. Our popular data science online program explores in-depth understanding in techniques of data, modeling, and visualization. Participants will learn data science applications and develop skills to take your career to the next level.

What You Will Learn:
- Explore statistics concepts, data handling, sampling techniques, fundamentals of programming & scripting in Python.
- Discover data using modeling, patterns, and algorithms and business applications techniques.
- Create quick data visualization using tools in Tableau with interactive dashboards to gain insights, show trends, and tell stories for real-world capstone projects and more.

Apply at: go.ncsu.edu/gti-datascienceapp
About NC State University

NC State is the largest four-year institution in North Carolina with more than 35,000 students representing 120 countries. We offer bachelor degrees in 101 fields; master degrees in 101 fields and PhDs in 61 fields.

As a Research I university, NC State is a key part of the Research Triangle region, which is home to industry leaders such as SAS, Cisco, IBM, GlaxoSmithKline and Lenovo.

NC State Statistics faculties have won prestigious national awards from the American Statistical Association and the National Science Foundation. Between 2003 and 2017, the Statistics Department was ranked as the top producer of statistics PhDs in the nation by Amstat News.

- #11 graduate Statistics program nationally (U.S. News & World Report)
- #20 in the world on a prestigious scorecard of international universities (Shanghai Jiaotong)

Statisticians Job Outlook

- Employment of statisticians is projected to grow 31% from 2021 to 2031, much faster than the average growth for all occupations.
- The expected growth will result from more widespread statistical analysis in order to make informed business, healthcare, and policy decisions.
- In addition, the large increase in available data from the web will open up new areas for data mining and analytics.

Quick Facts: Mathematicians and Statisticians

- 2021 Median Pay = $96,280 per year or $46.29 per hour
- Typical Entry-level Education: Master's Degree
- Work Experience in a Related Occupation: None
- On-the-job Training: None
- Number of Jobs in 2021: 36,100

Contact For More Info: lynn.wang@ncsu.edu
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<th>Feb. 12</th>
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This program is offered exclusively to our partner universities' students. Applicants must have sufficient English communication skills (CET4 425, B1/B2, Duolingo 85, TOEIC 750, TOEFL 55 or IELTS 5.5)

Get a Program Evaluation Letter from the professor!

[go.ncsu.edu/gti-datascienceapp](http://go.ncsu.edu/gti-datascienceapp)

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