



2023 Winter Online Data Science Program

NC State University Global Training Initiative

Program Dates

Jan.24- Feb.6, 2023

Program Cost

USD \$1,280

Apply by:

Jan.10, 2023

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 102 fields and PhDs in 58 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.

- #16 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 33% from 2020 to 2030, 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

2020 Median Pay = \$93,290 per year or \$44.85 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 2020: 44,800

NC STATE UNIVERSITY

Global Training Initiative

Contact For More Info:
lynn.wang@ncsu.edu

Program Calendar

(Lecture in evening 8:00-11:00 U.S. Eastern Time)

Jan. 24	Jan. 25	Jan. 26	Jan. 27	Jan. 30
Orientation and Presentation Skills Workshop	Tableau (live lecture)	Tableau (live lecture) Q&A Hour	Project 1 Online Final Presentation	Python (live lecture)
Tableau (live lecture)	Project 1	Project 1	U.S. Graduate Admission Workshop	Lab/hands on
Lab/hands on	Lab/hands on	Lab/hands on		

Jan. 31	Feb. 1	Feb. 2	Feb. 3	Feb. 6
Python (live lecture)	Python (live lecture)	Python (live lecture)	Python (live lecture)	Project 2 Online Final Presentation
		Project 2	Q&A Hour	Graduation Ceremony Program Evaluation and feedback
Lab/hands on	Lab/hands on	Lab/hands on	Lab/hands on	

Get a Program Evaluation Letter from the professor!

go.ncsu.edu/gti-datascienceapp

NC STATE UNIVERSITY

Global Training Initiative

**Contact For More Info:
lynn.wang@ncsu.edu**

This program is offered exclusively to our partner universities' students. Applicants must have sufficient English communication skills (B1/B2, Duolingo 85, IBT 50, TOEIC 750 or IELTS 5.5)