2020 Summer Online Data Science Program

NC State University Global Training Initiative

Program Dates

July 6 - July 17, 2020 (tentative)

Program Cost(s)

USD $1,280

Apply by June 15

Program Highlights

NC State University offers a new Data Science program training on the most in-demand Data Science skills with hands-on exposure to key tools and technologies including Python and Tableau. This program explores in-depth understanding in techniques of data, modeling, and visualization. Participants will understand Data Science applications and develop skills to take your career to the next level.

You will learn to:

- 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 quickly data visualization using Tableau tools with interactive dashboards to gain insights, show trends, and tell stories for real-world capstone projects and more.

Apply: 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 foreign countries. We offer bachelor degrees in 101 fields; master degress 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 faculty have won prestigious national awards from the American Statistical Association and the National Science Foundation. Between 2003 and 2017, the 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 30 percent from 2018 to 2028, much faster than the average for all occupations.
- Growth is expected to result from more widespread use of statistical analysis to make informed business, healthcare, and policy decisions.
- In addition, the large increase in available data from the Internet will open up new areas for analysis.

Quick Facts: Matematicians and Statistics

2018 Median Pay = $88,190 per year or $42.40 per hour
Typical Entry-level Education: Master's Degree
Work Experience in a Related Occupation: None
On-the-job Training: None
Number of Jobs, 2018: 47,300

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Contact for more info:
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Program Calendar

M	T	W	Th	F
Orientation and Presentation Skills Workshop	Tableau (live lecture)	Tableau (live lecture)	Tableau (live lecture)	Project 1 Online Final Presentation
Tableau (live lecture)	Q&A Hour	Project 1	Q&A Hour	U.S. Graduate Admission Workshop
Lab/hands on	Lab/hands on	Lab/hands on	Lab/hands on	

M	T	W	Th	F
Python (live lecture)	Python (live lecture)	Python (live lecture)	Python (live lecture)	Project 2 Online Final Presentation
Lab/hands on	Q&A Hour	Project 2	Q&A Hour	Graduation Ceremony Program Evaluation and feedback
	Lab/hands on	Lab/hands on	Lab/hands on	

This program is offered exclusively to students at our partner universities in China. Applicants must have sufficient English communication skills, CET425 or Duolingo 85

Have the opportunity to become the Student Ambassador!

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