

# Applied Statistics and Data Management (Certificate)

or ST 514 Statistics For Management and Social Sciences II

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<b>Total Hours</b>	<b>12</b>
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In this graduate certificate program, students learn important statistical methods (2 courses) and associated statistical programming techniques (2 courses). Our online program serves a wide audience. We have traditional students that enter directly after their undergraduate studies. However, a large proportion of our online program community have been working for 5+ years and are looking to retool or upscale their careers.

## More Information

- Program Website (<https://statistics.sciences.ncsu.edu/graduate/online-programs/applied-statistics-and-data-management-certificate/>)
- Distance Website (<https://online-distance.ncsu.edu/program/graduate-certificate-in-applied-statistics-and-data-management/>)

## Admissions

The application process is very simple, there are no official prerequisites except for an undergraduate degree. Applicants should demonstrate an appropriate level of mathematical maturity to allow them to succeed in the certificate program. Examples of this would include successful completion of undergraduate coursework or professional work in a quantitative field. Note that the GRE is not required to apply and we only accept students living in North America.

## Applicant Information

- **Delivery Method:** On Campus, Online, Hybrid
- **Entrance Exam:** None
- **Interview Required:** None

## Application Deadlines

- **Fall:** July 30th (but the earlier, the better!)
- **Spring:** December 1st
- **Summer 1:** April 30th (but the earlier, the better!)

## Plan Requirements

Code	Title	Hours	Counts towards
<b>Required Courses</b>			<b>12</b>
ST 555	Statistical Programming I		
ST 556	Statistical Programming II		
or ST 558	Data Science for Statisticians		
ST 511	Statistical Methods For Researchers I *		
or ST 513	Statistics for Management and Social Sciences I		
ST 512	Statistical Methods For Researchers II *		

\* The course sequence ST 511 and ST 512 is similar to that of ST 513 and ST 514. The main difference is that ST 511 and ST 512 focus more heavily on analysis of designed experiments, where ST 513 and ST 514 focus more heavily on the analysis of observational data.

- The certificate will be earned by successful completion of four courses listed above with an average GPA of at least 3.0.