

Big Data Applied Statistical Analysis Certificate

Department Information

- **Program Information:**
ndsu.edu/programs/graduate/big-data-applied-statistical-analysis (<http://ndsu.edu/programs/graduate/big-data-applied-statistical-analysis/>)
- **Department Web Site:**
ndsu.edu/statistics/ (<http://ndsu.edu/statistics/>)
- **Credential Offered:**
Certificate
- **English Proficiency Requirements:**
TOEFL ibt 79; IELTS 6.5; Duolingo 105

Apply Now (https://ndsugrad.my.site.com/Application/TX_SiteLogin/?startURL=/Application/TargetX_Portal_PB)

Code	Title	Credits
STAT 712	Applied Statistical Machine Learning	3
STAT 711	Basic Computational Statistics using R	3
STAT 713	Introduction to Data Science	3
STAT 714	Statistical Big Data Visualization	3
Total Credits		12

Admission and Application Requirements

- Graduate School admission and application requirements are found on the Admission Information (<https://catalog.ndsu.edu/past-bulletin-archive/2025-2026/graduate/admission-information/>) page.
- In addition, this program requires applicants to have knowledge of college algebra.