

Data Science Master's

Department Information

- **Program Information:**
ndsu.edu/programs/graduate/data-science (<http://ndsu.edu/programs/graduate/data-science/>)
- **Department Web Site:**
ndsu.edu/data_science/ (http://ndsu.edu/data_science/)
- **Credential Offered:**
M.S.
- **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
CSCI 622	Fundamentals of Data Engineering	3
CSCI 770	Data Science Ethics	3
DATA 720	Programming for Data Science	3
DATA 761	Applied Machine Learning	3
or STAT 712	Applied Statistical Machine Learning	
DATA 765	Applied Database Systems	3
STAT 711	Basic Computational Statistics using R	3
STAT 713	Introduction to Data Science	3
STAT 725	Applied Statistics	3
STAT 726	Applied Regression and Analysis of Variance	3
Electives - 6 credits required		6
CSCI 650	Cloud Computing	
CSCI 706	Data-Driven Security	
DATA 760	Applied Artificial Intelligence	
STAT 660	Applied Survey Sampling	
STAT 662	Introduction to Experimental Design	
STAT 714	Statistical Big Data Visualization	
Total Credits		33

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.