Graduate Academic Certificate
DATA SCIENCE

ABOUT
The Data Science Graduate Academic Certificate prepares individuals to leverage their knowledge to manipulate, organize and analyze data to help drive decision-making within organizations.

The courses provide a theoretical foundation and exposure to data analytics tools and technologies through structured learning experiences.

COURSES
REQUIRED*
- Fundamentals of Data Analytics
- Analytic Tools, Techniques & Methods
- Applied Machine Learning for Data Science

ELECTIVE* One (1) course from the following:
- Knowledge Management Tools & Techniques
- Advanced Principles & Techniques of Data Science
- Data Visualization & Communication
- Data Analysis & Knowledge Discovery

*Some courses listed may have prerequisites. Students should consult with the program advisors prior to enrolling in the individual courses.

WHO SHOULD APPLY
Computing or Information Technology Professionals and others in related fields, who already have a bachelor’s or master's degree and want to develop or enhance their knowledge and skills in data science by taking graduate-level courses to receive an academic credential.

This Graduate Academic Certificate provides a path towards the Master of Science in Data Science Program, as all coursework of this certificate can be applied towards the master’s program.

FACTS
4 Courses (12 Graduate Hours*)
*optional path towards master’s degree
Online and Hybrid* Courses
*at the UNT Frisco Campus

CONTACT PROGRAM ADVISORS
940-565-2445
CI-Advising@unt.edu