

COLLEGE OF INFORMATION DEPARTMENT OF INFORMATION SCIENCE MASTER OF SCIENCE IN DATA SCIENCE



PROGRAM OVERVIEW

The Master of Science in Data Science degree at the [University of North Texas](#) is designed to meet the rising demand for highly skilled data science and data analytics professionals. It prepares students for careers in data science and analytics, with a broad knowledge of the required tools, techniques, and methods. The program focuses on relevant areas such as statistical analysis, natural language processing, computational linguistics, information retrieval, information visualization, social network analysis, text analytics and data mining.

The program helps graduates to acquire the types of skills and competencies needed to design, implement, and transform sets and large volumes of information into actionable knowledge. It provides students with the knowledge needed to manage data science and data analytics projects and work with analytics tools and technologies. The program is aimed at educating a new generation of information professionals, capable of taking the leadership role through connecting the dots and using data to support strategic initiatives within the organization.

COURSE DELIVERY

The program offers a unique course delivery, rich content and a wide range of specializations. Students select from a combination of face-to-face, online, and blended courses. Courses include:

- Fundamentals of Data Analytics
- Analytic Tools, Techniques & Method
- Data Visualization & Communication

CAREER PATHS

Analytics Manager

Data Analyst

Business Analyst

Data Architect

Data Scientist

Business Intelligence Analyst

Data Mining Engineer

Machine Learning Engineer

Research Scientist

Statistician

Admission Process

Admission Requirements

- An undergraduate degree or higher from an accredited institution
- Overall undergraduate GPA of at least 3.2 or a 3.5 GPA on a completed Master's degree

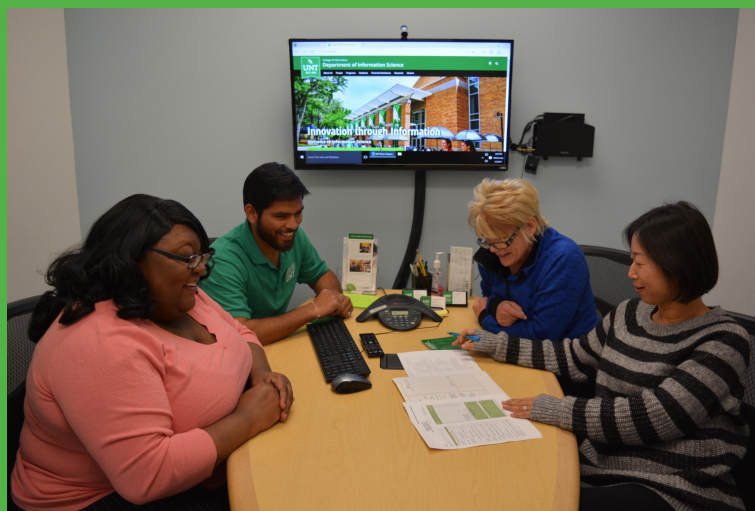
How to Apply

The application process consists of two steps:

1. Apply to the UNT Toulouse Graduate School
 - a. Complete an online application & pay application fee
 - b. Submit transcripts from all colleges attended
2. Apply to the IS Department and submit the following:
 - a. An online program application
 - b. Statement of purpose
 - c. Two letters of recommendation
 - d. A current resume

*** International applicants must demonstrate English Language Proficiency by submitting TOEFL or IELTS scores.**

For more information regarding International admissions visit <https://tgs.unt.edu/international>.



Degree Requirements:

- 9 credit hours of core courses
- 24 credit hours of electives
- 3 credit hours of field experience or research seminar in the area of data science or a closely related topic

Financial Assistance

Both UNT and the IS Department offer multiple financial options to help you pursue your graduate degree including scholarships, loans, graduate assistantships, internships, co-ops, and part-time employment. For more information visit <http://informationscience.unt.edu/financial-assistance>

About UNT

The University of North Texas, established in 1890, is one of the largest student-focused public research universities, dedicated to providing superior graduate education, scholarship and artistic endeavors. Ranked a Tier One research university by the Carnegie Classification, UNT is a catalyst for creativity — fueling progress, innovation and entrepreneurship for the North Texas region and the state. Our programs are internationally recognized with research and scholarship spanning all disciplines. We offer 105 bachelor's, 88 master's and 37 doctoral degrees.

UNT is located in Denton, a city about 30 miles north of Dallas and Fort Worth, with a population of approximately 136,000.

For more information, visit www.unt.edu



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Innovation through Information