GET YOUR M.S. IN DATA SCIENCE

The **Master of Science in Data Science** program 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, machine learning, information retrieval, information visualization, social network analysis, text analytics, and data mining.

Students 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.

36 Hour Program

- 9 Hours Required Courses
- 15 Hours Guided Electives
- 6 - 9 Hours General Electives
- 3 - 6 Hours Practicum / Research Project / Thesis

Admissions Considerations

- GRE Not Required
- No Backlog Accepted (no failures on transcript)
- Average GPA of Admitted Students is 3.63 (last 2 semesters)
- Minimum GPA is 3.2

Funding

- Competitive Graduate Assistantships and Scholarships are Available

Marketable Skills

- Computer programming
- Database design and data modeling
- Applied statistical analysis and machine learning
- Data mining and text analysis
- Data visualization and presentation

Contact Us:
ci-advising@unt.edu
https://informationscience.unt.edu/msds

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Why choose UNT's M.S. in Data Science?

- Master's in data science program ranked 2nd in the nation by Fortune magazine
- Our research labs and research centers are vehicles of transformative research and education in the data sciences for faculty and students to focus on real-time hand-on projects funded by NSF, industry and federal agencies. UNT College of Information research labs include Data Innovation Lab, Intelligent Information Access Lab, Data Visualization and Extreme Reality Lab, and Visual Thinking Lab.
- Faculty are widely published in leading international journals and provide leadership within professional organizations.
- A dedicated career coach helps students prepare for the job market.

Possible Career Paths

- **Data Scientist**
- **Analytics Manager**
- **Data Analyst**

- **Business Analyst**
- **Data Architect**
- **Business Intelligence Analyst**
- **Software Engineer**

- **Data Mining Engineer**
- **Machine Learning Engineer**
- **Research Scientist**

"At the point when I began this program, I did not have an exceptional background in Data Science and coding. From Machine Learning to Deep Learning and Data Engineering, this master's program has taught me everything in the field of Data Science. One of the most striking favorable circumstances of this program is furnishing the students with occasions to pick up experience on new advances in Data Science. I would like to thank my professors for their contributions and the amicable way they have helped me through the program."

Mani Sundar Pathuri
MS Data Science Student

Course Offerings Include

- **Principles and Techniques for Data Science**
- **Applied Machine Learning for Data Scientists**
- **Data Visualization for Analytics**
- **Usability and User Experience Metrics**
- **Software Engineering for Data Scientists**
- **Information Retrieval**

2-20-2024

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