The Master of Science in Data Science (MSDS) is a 30-hour on-campus interdisciplinary degree program that combines statistics, computer science, mathematics, data engineering and other disciplines to prepare students to meet the challenges of a data-rich world.

Data science attracts students with diverse disciplinary backgrounds and career goals interested in unlocking data's power. Students can customize their degree through one of the four curricular tracks operated by the computer science and engineering, electrical and computer engineering, statistics, and mathematics departments.

In the first semester, students study a common multidisciplinary core in the foundations, systems and tools of data science. In the second and third semesters, students work with advisors to choose from a wide range of elective courses with a track-specific emphasis.

MSDS students have opportunities for practical experience through the one-semester data science capstone featuring industry-sponsored team-based projects and can take research credits under faculty guidance. Many students undertake an industry internship in the summer after their second semester.

Funding opportunities open to all data science master's students! The Texas A&M Institute of Data Science supports students through competitive scholarships. The $1,000 scholarship qualifies awardees for the non-resident tuition waiver for competitive scholarship recipients. All admitted students are considered for the scholarship and may also seek support from faculty to assist in research projects.

For more information, visit tx.ag/MSDS

CONTACT AND INFORMATION
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Program Manager, M.S. in Data Science

GROWING CAREER OPPORTUNITIES
The master's in data science program prepares students for a variety of career opportunities, including:

- Technology Companies
- Industrial Data Science
- Applied Sciences
- Financial Technology
- Healthcare and Pharmaceutical
- Business Consulting
- Government Agencies
- Transportation and Urban Studies
- Power and Energy Industry
- Doctoral Research in Data Science

MULTIDISCIPLINARY CORE
Gain the necessary skills and knowledge through the program's multidisciplinary core:

Data Mining and Analysis— Learn how to bring knowledge discovery and data-driven insights to improve decision-making and develop solutions for practical problems.

Statistical Modeling and Visualization— Explore the concepts and techniques that underpin the exploration, analysis, and representation of complex datasets.

Machine Learning and Algorithms— Study the inner workings of AI and discover the methods and tools driving AI and predictive analytics growth that will distinguish you in your career.

Databases & Computational Tools for Big Data—Master the systems and frameworks needed to develop scalable end-to-end workflows for the data lifecycle, from acquisition through analytics to actuation.