

# MASTER OF SCIENCE IN DATA SCIENCE & INFORMATICS (COMMUNITY INFORMATICS)

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**Web Site:** <https://twu.edu/informatics/graduate-program/>

Data Science and Informatics is the interprofessional study and application of information science, computer science, cognitive science, and organizational science to the arts, sciences, and professions.

Informatics includes a formal study of information, including:

- its structure, properties, uses, and function in society, and
- the people who use the information and the technologies developed to record, organize, store, retrieve, and disseminate it.

The M.S. in Data Science and Informatics program provides graduate students with a flexible, adaptable, interprofessional, and interdisciplinary approach to the study of Data Science and Informatics, delivered in a hybrid learning environment. Academic Components, including Computer Science, Nursing, Health Promotion and Kinesiology, and Library and Information Studies, deliver the program collaboratively. Majors in this program will build upon a set of foundational courses and choose discipline-specific courses within Community Informatics to complete the major.

The program covers central knowledge and skill sets that all Data Science and Informatics students explore to refine their understanding of Data Science and Informatics and its application in high-demand professions and careers. Majors will learn to use technology and data analytics to derive meaningful information from data for data and decision-driven practice in user-centered systems.