

MASTER OF SCIENCE IN DATA SCIENCE & INFORMATICS (DATA SCIENCE/DATA ANALYTICS)

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

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 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 Data Science/Data Analytics to complete the major.

The program covers central knowledge and skill sets that all informatics students explore to refine their understanding of 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.