

MASTER OF SCIENCE IN DATA SCIENCE & INFORMATICS (CYBERSECURITY)

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

Marketable Skills

Marketable skills prepare students for success in a variety of professional settings. Developed through academic coursework, co-curricular engagement, and extracurricular involvement, these skills include communication, critical thinking, teamwork, ethical reasoning, adaptability, and digital literacy. Whether directly related to a student's major or serving as complementary strengths, marketable skills enhance career readiness and reflect TWU's commitment to producing graduates who are prepared to thrive in today's dynamic workforce.

1. Work as a member of a project team to coordinate database and project development and determine project scope and limitations.
2. Develop and implement procedures for data management, data storage and retrieval, distributed systems, evaluating data quality, data security, data transfer, data analysis, modeling, and visualization.
3. Plan, coordinate, and implement security measures to safeguard information in computer files against accidental or unauthorized damage, modification, or disclosure.
4. Disseminate research by writing reports, publishing papers, or presenting at professional conferences.
5. Design, create, and administer a computer network.
6. Demonstrate personal accountability and work habits, integrity, and ethical behavior.
7. Proficient in needed software tools skills.