

GRADUATE CERTIFICATE IN HEALTH INFORMATICS

Web Site: <https://twu.edu/nursing/certifications/>

This certificate program is intended for those professionals who have a bachelor's degree or higher, and seek additional education and training in health informatics. The certificate program is designed for students from a variety of disciplines including, but not limited to Nursing, Occupational Therapy, Physical Therapy, Nutrition Science, Health Systems Management, and Business. The program provides interdisciplinary and collaborative learning experiences. The curriculum consists of 15 credits of coursework, including supervised practicums in health informatics. Course content includes health data management, health information system management, telehealth, and healthcare data-related regulations.

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. Perform data management through the process of data retrieval, cleaning, transfer, and storage
2. Use data analytics to derive meaningful information and knowledge in health care
3. Demonstrate data visualization
4. Assess information technology applications in the healthcare environment
5. Use telehealth and evaluate the impact of telehealth on patient outcomes
6. Describe and use policies and procedures to ensure confidentiality, privacy, security, and integrity of data

Admissions

All students must meet the University requirements as outlined in the Admission to the TWU Graduate School (<https://catalog.twu.edu/graduate/graduate-school/admission-graduate-school/>) section of the catalog.

The academic program may have additional admission criteria that must also be completed as outlined on the program's website.

Certificate Requirements

Total Semester Credit Hours Required

15 semester credit hours (SCH).

NURS 5143	Application of Technology Enhanced Health Promotion	3
NURS 5393	Application of Telehealth and Remote Monitoring	3
NURS 5593	Data Analytics for Health Promotion	3
NURS 5923	Capstone in Informatics	3
Total SCHs		15

Code	Title	SCHs
Required Courses		
NURS 5123 or NURS 6323	Introduction to Applied Health Informatics Informatics and Research in Nursing	3