



## COLLEGE OF PROFESSIONAL STUDIES

## GRADUATE CERTIFICATE IN HEALTH INFORMATICS

## Look to the Future to Advance Your Career

Innovations in information and communication technologies are empowering and transforming health care. Meeting significant health care challenges and demands for quality, value, access, and connectivity requires new more collaborative interprofessional, patient/citizen-focused, and technology-enabled approaches. The Graduate Certificate in Health Informatics supports students interested in addressing these challenges and advancing their careers at the intersection of technological innovation and human health.

You'll acquire and develop a professional portfolio that demonstrates competencies needed to contribute to the development, adoption, and progress of technology applications into health care delivery. In addition to health care professionals such as nurses, physicians, pharmacists, therapists, and lab scientists, this certificate also provides value for those with broader backgrounds, including information systems and computer technologies, business, the sciences, law, engineering, and liberal arts. Graduates are prepared to seek positions working

as analysts, coordinators, project managers, and specialists contributing in health care delivery, and with consulting firms, health insurance companies, government agencies, and businesses providing innovative products and services to the global health care industry. Upon completion of this four-course, four-month certificate, those who wish to continue their education and further grow into leadership roles in health information technology can also use all of these course credits towards their Informatics Master's Degree.

## Program highlights:

- Learn to effectively communicate technology applications and health information system solutions to stakeholders
- Use leadership skills to evaluate and communicate the adoption of health informatics in health care organizations
- Understand how to analyze health informatics systems to improve patient care coordination
- Evaluate best practices to advance care delivery quality, efficiency, safety, access, and value

**LEARN  
MORE  
TODAY**

WSCUC Accredited



**NATIONAL  
UNIVERSITY**

Veteran Founded. Nonprofit.

Veteran Founded. Nonprofit. | **NU.EDU**

## GRADUATE CERTIFICATE IN HEALTH INFORMATICS

*Academic Program Director: Linda Travis Macomber; (858) 309-3495; lmacomber@nu.edu*

Innovations in information and communication technologies are empowering and transforming healthcare. Meeting significant healthcare challenges and demands for quality, value, access, and connectivity requires new more collaborative interprofessional, patient/citizen-focused, and technology-enabled approaches. The Graduate Certificate in Health Informatics supports students interested in addressing these challenges and advancing their careers at the intersection of technological innovation and human health.

Students acquire and develop a professional portfolio to demonstrate competencies needed to contribute to the development, adoption, and progress of technology applications into healthcare delivery. In addition to healthcare professionals such as nurses, physicians, pharmacists, therapists, and lab scientists, this certificate also provides value for those with broader backgrounds including information systems and computer technologies, business, the sciences, law, engineering, and liberal arts.

Graduates then qualify for positions working as analysts, coordinators, project managers, and specialists contributing in healthcare delivery, and with consulting firms, health insurance companies, government agencies, and businesses providing innovative products and services to the over 3-trillion-dollar US and the larger global healthcare industry. Upon completion of this four-course four-month certificate, those who wish to continue their education and further grow into leadership roles in health information technology can also use all of these course credits towards their informatics master's degree.

### Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Communicate innovative technology applications and health information system solutions to stakeholders of the healthcare ecosystem.
- Evaluate the effective adoption of information and communication technologies in healthcare organizations using effective project management, interprofessional teams, and leadership practices.
- Analyze health technologies, languages, standards, and methods that improve systems interoperability, communications, and patient-centered care coordination.
- Evaluate best practices that advance the health of individuals and populations through technology-enabled improvements in care delivery quality, efficiency, safety, access, and value.

### Certificate Requirements

(4 courses; 18 quarter units)

HTM 552	EHR Meaningful Use
HTM 660	System Management and Planning
HTM 520	Health Information Exchange
HTM 680	Health Informatics Case Study
<i>Prerequisite: HTM 520, HTM 552, HTM 660</i>	