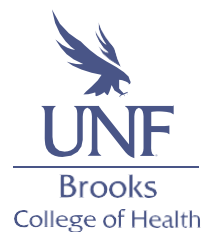


12-credit hour certificate program | Full- or part-time enrollment

Earn a
graduate-level
interprofessional
Healthcare
Informatics
Certificate
at the
University of
North Florida.

This program is designed for information professionals, clinical personnel and other healthcare personnel who want to increase their knowledge regarding information technology and management of the complex and organizational issues which are present in healthcare at the graduate level. The objective of this certificate program is to expose students to modern health IT, including data acquisition and analysis, systems design, data security and decision processing.



Total program is 12 credit hours

Application deadline is July 1 for fall cohort

30 students per cohort

Graduate Certificate in Healthcare Informatics

Students who complete the UNF Graduate Certificate in Healthcare Informatics will be able to:

- Apply understanding of a rapidly changing American Healthcare system, the policies driving change, and the impact of data on diverse healthcare settings
- Describe the fundamentals of health information exchange and security
- Discuss the principles governing the management of health information and actions undertaken to secure exchange of information between all users
- Examine the processes associated with acquisition, implementation, and maintenance of currency in the use of data management systems
- Evaluate data from multiple sources and use data analytics techniques to create business intelligence and application
- Utilize acquired data management skills to positively impact organizational change

Admission requirements

University requirements

- Application to the University
- Official transcript reflecting a bachelor's degree from a regionally accredited institution in a life science, health science, health administration, business administration, nursing or computing science
- Cumulative GPA of 3.0
- A current resume
- Brief statement, no more than 250 words, describing your purpose for pursuing a graduate certificate in healthcare informatics and how this certificate will complement your professional goals.

Interprofessional Certificate in Healthcare Informatics Program of Study and Course Sequence

HSA 6114 Health Organization/Delivery (3 credits)

Fall semester

This course examines the organization and administration of the U.S health care system including its various health care service settings, personnel resources, organizational systems, and sources of system finance.

ISM 6021 Management of Information Technology (3 credits)

Fall semester

This course presents a managerial perspective on the effective design and use of information systems for strategic advantage and operational performance in health organizations. Students analyze privacy, security and confidentiality policies and procedures for internal and external use and exchange of health information.

CAP 6768 Data Analytics (3 credits)

Spring semester

This course surveys a number of data preprocessing and sampling methods, data distributions and uncertainty, statistics, regression, time-series analysis, predictions, and clustering. The course also covers emerging trends in Data Analytics including security of data systems.

NGR 6875 HIT Capstone (3 credits)

Summer semester

This course will serve as the capstone for the Graduate Interprofessional HIT Certificate Program and will provide a culminating project to include the following: identification of a relevant problem related to the theory or the practice of health informatics; conduct a literature review related to the identified problem and formulate a valid solution either in the form of a testable hypothesis or other form of scholarly activity; collect empirical data applicable to the problem; and complete a data-based study or other comparable scholarly activity.

