

PROGRAM-LEVEL - STUDENT LEARNING OUTCOMES
Healthcare Informatics Program
Division of Arts and Sciences

Program Director: Sanjay Gilani

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PLAN
EXPECTED PROGRAM LEARNING OUTCOME
All students completing this program are expected to have achieved the following learning objectives:
OBJECTIVE 1: At the end of the program, the student will <i>define health care data and its uses.</i>
OBJECTIVE 2: At the end of the program, the student will <i>identify and describe some of the main trends, current technologies, and management issues in quality health care management using key data informatics standards.</i>
OBJECTIVE 3: At the end of the program, the student will <i>categorize and interpret health care data using appropriate graphical techniques.</i>
OBJECTIVE 4: At the end of the program, the student will <i>demonstrate proficiency in Microsoft Office programs including Excel, Access, PowerPoint, and Word.</i>
OBJECTIVE 5: At the end of the program, the student will <i>develop a philosophy, a strategy, and a set of methods for ongoing quality and efficiency improvement to yield better health care outcomes using a combination of simulated and real-world data within the informatics field.</i>
OBJECTIVE 6: At the end of the program, the student will <i>apply policies, standards and regulatory requirements to the collection, storage, classification, access and transmission of health data.</i>
OBJECTIVE 7: At the end of the program, the student will <i>interpret the legal and regulatory requirements of healthcare delivery systems, patient privacy, confidentiality and security of health data.</i>
Health Informatics Bachelors' and Certificate Programs Only
OBJECTIVE 8: At the end of the program, the student will <i>distinguish between data models and how they are used to capture the nature and relationships among data.</i>
OBJECTIVE 9: At the end of the program, the student will <i>determine required and available health care data and identify an appropriate database design.</i>



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EXPECTED PROGRAM LEARNING OUTCOME

All students completing this program are expected to have achieved the following learning objectives:

OBJECTIVE 10:

At the end of the program, the student will *manipulate healthcare data using appropriate data modeling techniques.*

OBJECTIVE 11:

At the end of the program, the student will *integrate leadership skills in the management of health data, the electronic health record (EHR), health informatics projects and organizational resources.*