

Post-Baccalaureate Academic Certificate in Informatics

An academic certificate in Informatics is offered for those students who have a bachelor's degree in a field other than Business or Health Informatics and want to improve their knowledge of information systems. To earn a certificate in Informatics, a student must complete 33 total credit hours from the following list. At least twelve of those credits must be taken after the student has completed a bachelor's degree. Students must choose a Business Informatics emphasis or a Health Informatics emphasis.

Code	Title	Credits
INFO 1150	Software and Systems Architecture	3
INFO/CS 1181	Informatics and Programming I	3
INFO 1182	Informatics and Programming II	3
INFO 3301	Introduction to Informatics and Analytics	3
INFO 3307	Systems Analysis and Design	3
INFO 3380	Networking and Virtualization	3
INFO 4407	Database Design and Implementation	3
Select one of the following emphases:		12
Business Informatics Emphasis		
INFO 2220	Web Development:Client-Side Programming	
INFO 4482	Systems Development and Implementation Methodologies	
Students must take six (6) hours of Business courses in any of the following areas:		
Accounting		
Economics		
Finance		
Management		
Marketing		
OR		
Health Informatics Emphasis		
INFO/HCA 3330	Health Informatics	
INFO 4422	Health Information Governance	
Students must take two (2) courses from the following list:		
INFO 4424	Healthcare Workflow Process Analysis and Redesign	
HCA 1115	US Health System	
HCA 4465	Healthcare Operations and Quality	
HCA 4489	Healthcare Information Systems Practicum	
Total Credits		33

Students must complete at least three (3) credits as upper division coursework (3000 or 4000-level) within their selected emphasis.

Students must meet with an advisor and complete a Program of Study Agreement prior to the second semester of coursework.