

HEALTHCARE INFORMATICS

Bachelor of Applied Science Degree

Health Sciences Pathway- at Lowry
 CCD.edu

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The Health Care Informatics Bachelor of Applied Science (BAS) degree is an interdisciplinary academic program that combines concepts in healthcare administration, information technology (IT), healthcare data analytics, Electronic Healthcare Records (EHR), performance enhancements, and organizational leadership, with real-world assignments to prepare students for a dynamic career in the field of health informatics. Graduates from this degree can pursue careers in fields such as hospital systems, private clinics, public health organizations, pharmaceutical companies, insurance companies, and private healthcare technology corporations.

The Bachelor of Applied Science (BAS) in Health Care Informatics offers a flexible upper level 60-credit-hour degree designed specifically for students who have earned an associate degree from a regionally accredited institution in health sciences, computer technology, business, or other related field.

The program will be primarily delivered on line, but it may include other delivery methods including traditional and hybrid.

Course	Title	Credits
First Semester		
HCI 3000	Health Care Systems and Organizations	3
CIS 2040	Database Design and Development	3
CSC 1019	Introduction to Programming	3
BIO 1016	Introduction to Human Disease: GT-SC2	3
ENG 1031	Technical Writing I: GT-CO1	3
Subtotal		15
Second Semester		
HCI 3005	Healthcare Coding and Records	3
HCI 3010	Healthcare Information Technology and Electronic Health Records	3
HCI 3011	Health Information Systems Management	3
MAT 1260	Intro to Statistics: GT-MA1	3
HPR 3001	Communication in Health Care	3
Subtotal		15
Third Semester		
HCI 4000	Epidemiology and Biostatistics	4
HCI 4005	Programming for Health Informatics	3
HCI 4006	Analytics for Healthcare	3
HCI 4015	Legal and Ethical Issues in Health Informatics	3
HPR 4011	Leadership and Management in Health Professions	3
Subtotal		16
Fourth Semester		
HCI 4030	Research Methodology in Healthcare	3
HCI 4025	Project Management for Technology in Healthcare	3
HCI 4020	Healthcare Quality Management	3
HCI 4080	Internship	3
HCI 4089	Capstone	2
Subtotal		14
Total Credits		60