Health Information Management and Technology Major

Area of Emphasis

Students must complete requirements in one of the following areas of emphasis:

- Healthcare Management
- Healthcare Technology

Healthcare Management

Code	Title	Credits
Supporting Courses:		**5-10**
MATH 101	Advanced Algebra	
Biology (Choose one option):		
HUM BIOL 102	Introduction to Human Biology	
BIOLOGY 201 & BIOLOGY 202	Principles of Biology: Cellular and Molecular Processes and Principles of Biology Lab: Cellular and Molecular Processes	
HUM BIOL 240 & HUM BIOL 241	Anatomy and Physiology and Anatomy and Physiology Lab	
HUM BIOL 221 & HUM BIOL 222	Anatomy and Physiology I and Anatomy and Physiology II	
Core Courses		**49**
HIMT 301	Digital Literacy in Healthcare	
HIMT 310	Healthcare Systems and Organizations	
HIMT 320	Survey of Information Technology in Healthcare	
HIMT 330	Healthcare I: Terminology & Body Systems	
HIMT 340	Ethical issues, Security Management and Compliance	
HIMT 350	Statistics for Healthcare	
HIMT 360	Healthcare II: Survey of Disease & Treatments	
HIMT 370	Healthcare Systems: Analysis & Design	
HIMT 380	Healthcare Billing, Coding and Reimbursement	
HIMT 400	Healthcare Information and Technology - Data	
HIMT 410	Healthcare Sytems: Implementation and Integration	
HIMT 420	Healthcare Systems: Project Management	
HIMT 430	Quality Assessment and Improvement	
HIMT 440	Group Processes, Team Building and Leadership	
HIMT 450	Healthcare Information and Technology - Standards	
HIMT 489	Pre-Capstone (Must be taken semester prior to HIMT 490)	
HIMT 490	Capstone	
Healthcare Management Emphasis		**12**
HIMT 355	Principles of Management for HIMT Professionals	
HIMT 365	Healthcare Economics	
HIMT 415	Human Resource Management in Healthcare	
HIMT 445	Application of Leadership & Management in Healthcare Technology	
Total Credits		**66-71**

Healthcare Technology

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Supporting Courses		**5-10**
MATH 101	Advanced Algebra	
Biology (Choose one option):		

HUM BIOL 102	Introduction to Human Biology	
BIOLOGY 201 & BIOLOGY 202	Principles of Biology: Cellular and Molecular Processes and Principles of Biology Lab: Cellular and Molecular Processes	
HUM BIOL 240 & HUM BIOL 241	Anatomy and Physiology and Anatomy and Physiology Lab	
HUM BIOL 221 & HUM BIOL 222	Anatomy and Physiology I and Anatomy and Physiology II	
Core Courses		**49**
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HIMT 350	Statistics for Healthcare	
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HIMT 420	Healthcare Systems: Project Management	
HIMT 430	Quality Assessment and Improvement	
HIMT 440	Group Processes, Team Building and Leadership	
HIMT 450	Healthcare Information and Technology - Standards	
HIMT 489	Pre-Capstone (Must be taken semester prior to HIMT 490)	
HIMT 490	Capstone	
Healthcare Technology Emphasis		**12**
HIMT 345	Programming and Software Development	
HIMT 375	Database Structures and Management Systems	
HIMT 425	Data Warehousing and Mining	
HIMT 435	Data Communications and Networks in Healthcare	
Total Credits		**66-71**