

Student ID: _____
 Student Name: _____
 Adviser Name: _____

Catalog: 2017-2018 University Catalog
 Program: Health Informatics, MS
 Minimum Credits Required: _____

Health Informatics, MS

Banner code: HH-MS-HINF

College: College of Health and Human Services
 Department: Health Administration and Policy

Core Courses (12 - 18 credits)

Course Name	Credits:	Term Taken	Grade	Offered	Online
HAP 618 - Computational Tools in Health Informatics <i>(HAP 618 may be waived for student with strong computing skills and/or a degree in computer science)</i>	Credits: 3			F	
HAP 678 - Introduction to the U.S. Health System <i>(HAP 678 may be waived for student with strong health administration Background)</i>	Credits: 3			F, S	X
HAP 700 - Introduction to Health Informatics	Credits: 3			F	X
HAP 701 - Health Data: Vocabulary and Standards	Credits: 3			S	
HAP 709 - Health Care Databases	Credits: 3			F, Summer	X
HAP 752 - Advanced Health Information Systems	Credits: 3			S	X

Health Data Analytics Concentration (15 credits)

Required Courses

Course Name	Credits:	Term Taken	Grade	Offered	Online
HAP 719 - Advanced Statistics in Health Services Research I	Credits: 3			F	
HAP 725 - Statistical Process Control	Credits: 3			F	X
HAP 780 - Data Mining in Health Care	Credits: 3			F	
HAP 823 - Comparative Effectiveness Analysis using Observational Data	Credits: 3			S	

Electives (Select one from the following)

Course Name	Credits:	Term Taken	Grade	Offered	Online
HAP 720 - Health Data Integration	Credits: 3			S	
HAP 730 - Health Care Decision Analysis	Credits: 3			Summer	
HAP 770 - Medical Decision Making & Dec Supt.Sys	Credits: 3			S	
HAP 819 - Advanced Statistics in Health Services Research II	Credits: 3			S	
HAP 880 - Advanced Health Data Mining	Credits: 3			S	

Health Informatics Management Concentration (15 credits)

Required Courses

Course Name	Credits:	Term Taken	Grade	Offered	Online
HAP 602 - Statistics in Health Services Management	Credits: 3			F, S, Sum	
HAP 622 - Healthcare Information Systems Analysis and Design	Credits: 3			F, S	X
HAP 713 - Project Management in Health Info. Technology or	Credits: 3			S	
SWE 625 - Software Project Management	Credits: 3			F, S	
HAP 745 - Health Care Security Policy	Credits: 3			S	

Electives (Select one from the following)					
Course Name	Credits:	Term Taken	Grade	Offered	Online
HAP 601 - E-Commerce and On-line Marketing for Health Services	Credits: 3			S*	
HAP 621 - Organizational Behavior and Healthcare Leadership	Credits: 3			F, S	
HAP 645 - Introduction to Health Services Research	Credits: 3			F, S	X
HAP 647 - Regulatory Requirements for Health Care Sys.	Credits: 3			Summer	
HAP 686 - Quality Improvement in Health Services	Credits: 3			F	
HAP 715 - Health Economics	Credits: 3			F, S	
HAP 750 – Legal Issues in Health Administration	Credits: 3			S, Summer	
HAP 762 – Cost-Effectiveness for Health Care Management and Policy Decisions	Credits: 3			F*	
HAP 770 – Medical Decision Making and Decision Support Systems	Credits: 3			S*	
Population Health Concentration (15 credits)					
Required Courses					
Course Name	Credits:	Term Taken	Grade	Offered	Online
HAP 717 – Population Health Informatics	Credits: 3			F	
HAP 718 – Consumer Health Informatics	Credits: 3			S	
GCH 712 – Introduction to Epidemiology	Credits: 3			F	
Electives (Select one from the following)					
HAP 730 - Health Care Decision Analysis	Credits: 3			Summer	
HAP 735 – Fundamentals of Patient Safety and Risk Management	Credits: 3			*	
HAP 780 – Data Mining in Health Care	Credits: 3			F	
GCH 650 – Introduction to GIS Programming and Algorithms	Credits: 3				
Practicum or Thesis (6 credits)					
After completing course work, and with permission of advisor, students can choose between the Capstone Practicum and Master’s Thesis. Both options require two semesters to complete.					
Practicum Option (6 credits)					
Course Name	Credits:	Term Taken	Grade	Offered	Online
HAP 789 - Pre-Capstone Professional Development Seminar	Credits: 3			F, S, Sum	
HAP 790 – Capstone Practicum in Health Systems Management	Credits: 3			F, S	
Thesis Option (6 credits)					
HAP 799 – Master’s Thesis	Credits: 6				
Total: 33-39 Credits					

This planner shows typical class offerings which are subject to change

*Infrequent or irregular offerings