HEALTH ADMINISTRATION/ HEALTH INFORMATICS MHA/ MHI

The dual degree in Medical Health Informatics and Health Administration allows students to complete both degrees in a shorter time frame, by allowing double counting of some courses. It's a great option for anyone seeking advancement in the health fields.

The Masters in Health Administration program at Saint Joseph's University prepares future healthcare administrators to envision and lead positive change, locally, nationally and internationally. Through a set of core competencies acquired through active-learning, experiential and interpersonal learning opportunities, the program provides the skills and knowledge to optimally prepare our students to be successful health managers, with a lifelong commitment to learning, respect for diversity, ethical decision-making, and social justice.

The Health Informatics program prepares students to implement and utilize information technology to support any healthcare organization. Our students are guided by a philosophy of inquiry, insight, and innovation. Students will be challenged to think boldly and to seek out and answer difficult questions using healthcare data. The learning environment will prepare students for the challenges of a professional career in a healthcare setting. The program will help students to develop the competencies and acquire the practical tools to succeed in today's digital healthcare environment.

The Masters in Health Informatics (MHI) is an innovative applied graduate degree program that addresses the intersection of healthcare and information technology to develop efficient systems and processes. Students are challenged to analyze health data across the continuum of healthcare delivery to improve patient care and advance individual and population health outcomes. The MHI is designed for physicians, nurses, therapists, and information technology and health information technology professionals. The degree is also well suited for individuals with no prior healthcare or information technology experience. The MHI program offers the ability for students to gain applied experience with clinical information technology systems. Students will gain over 50 hours of hands-on experience using clinical grade informatics technology in an educational setting.

Learning Goals and Outcomes

Goal 1: Describe the history, goals, methods (including data and information used and produced), and current challenges of the major health science fields. Identify theories or models that explain and modify patient or population behaviors related to health and health outcome.

Goal 2: Identify the effects of social, behavioral, legal, psychological, management, cognitive, and economic theories. Identify possible biomedical and health information science and technology methods and tools for solving a specific biomedical and health information problem. Draw on socio#technical knowledge regarding the social behavioral sciences and human factors engineering to apply to the design and implementation of information systems and technology. Identify the theories, models, and tools from social, business, human factors, behavioral, and information sciences and technologies for designing, implementing, and evaluating health informatics solutions.

Goal 3: Identify the applicable information science and technology concepts, methods, and tools, to solve health informatics problems.

Goal 4: Define and discuss ethical principles and the informatician's responsibility to the profession, their employers, and ultimately to the stakeholders of the informatics solutions they create and maintain.

Goal 5: Define and discuss the scope of practice and roles of different health professionals and stakeholders including patients, as well as the principles of team science and team dynamics to solve complex health and health information problems. Articulate the methods, concepts, tools, and characteristics of leading and leadership.

Requirements

Code	Title	Hours
HAD 553	Health Care Organization	3
HAD 554	Health Care Law	3
HAD 555	Acc for Health Care Organiztns	3
or ACC 550	Creat & Meas Shareholder Value	
HAD 556	Fin Manag of Health Care Org.	3
or FIN 550	Shareholder Value Management	
HAD 559	Health Policy	3
HAD 600	Ethics of Health Care	3
MHI 550	Research Methods	3
or HSV 550	Health Services Research	
MHI 560	Health Informatics	3
MHI 561	Digital and Connected Health	3
MHI 562	Database for Health Care	3
or DSS 625	Fund of Database Mgmt Systems	
or DSS 630	Database Mgmt Theory & Pract	
or CSC 621	Database Systems	
MHI 563	Data Analysis for Health Care	3
MHI 564	Privacy&Security: Health Care	3
MHI 565	Health Data Standards	3
MHI 700	Health Informatics Capstone	3
Electives (Select one course)		**3**
CSC 549	Computing Essentials	
CSC 611	Human Computer Interaction	
CSC 622	Advanced Database Concepts	
CSC 647	Internet of Things	
DSS 660	Introduction to Data Mining	
DSS 670	Data Visual & Perf Analyt	
DSS 680	Predictive Analytics	
HED 551	Map Hlth Res, Pln, Pol Dev&Mkt	
HAD 552	Health Administration	
HAD 557	Health Care Strat Plan & Mktg	
HAD 558	Mgt of Healthcare Org	
MHI 670	Special Topics in MHI	
Total Hours		**45**