HEALTH INFORMATICS

MHI 610 Electronic Health Records (3 Credits)
The course focuses on the electronic health recordand interoperability. Students will gain knowledgeand understanding of the electronic health recordas a tool to promote better health outcomes forall citizens. The course will provide hands-onlearning experiences through online softwaresystems. Students will acquire skills through realworld examples in the interoperability of systems.

MHI 620 Population Health Analytics (3 Credits)
This course focuses on the use of health data tosupport population health initiatives. Studentswill gain knowledge and skills in the extraction,preparation, analysis, and presentation of datawith the goal of discovering useful information tosolve healthcare problems and make betterdecisions.

MHI 630 Health Data Management (3 Credits)
Students will learn how to translate health datamanagement theory into practice. The majoremphasis will be on skill-building to performday-to-day operational tasks in health datamanagement. This course will cover data contentstructure and standards; information protection,such as access, disclosure, archival, privacy andsecurity; informatics; analytics; and data,storage.

MHI 650 Health Informatics Internship (6 Credits)
Students will be exposed to the field of healthinformatics and engaged in real-world hands-onlearning at healthcare organizations.

MHI 690 Health Equity and Health Informatics (3 Credits)
This course examines the social context of healthequity in the United States to develop anunderstanding of the social determinants ofhealth. The course explores the impact of healthinformatics on health equity. Various communityresources for serving vulnerable populations areaddressed.

MHI 699 Emergency Response/Health Informatics (3 Credits)
This course examines the role of healthinformatics in emergency preparedness andresponse. Emphasis is placed on how healthinformatics could influence communication andevidence-based decision-making. The special needsof vulnerable populations in emergency and crisissituations are addressed.