

Department: College of Business Administration
Program: Graduate Health Informatics Certificate

Skill Set	Professional Application	Delivery of Skill Set Courses, extracurricular activities, etc. in which the skill set is introduced (I), reinforced (R), or mastered (M)).
Develop understanding of the key technologies in Health Informatics.	Gain skills in data mining and management; understand the process of dealing with large disparate data. Be proficient in using current and relevant programming techniques to analyze high-dimensional data	ISYS 5347 “Information Systems & Business Analytics” (I) MGMT 5372 “Health care IT” (R) MGMT 5374 “Applied Health Informatics” (M)
Gain practical experience with analytics programming languages and big data tools	Understand analytics related to healthcare information in order to develop and implement sound healthcare decisions. Identify and understand the key information requirements for working with, managing and integrating varied healthcare information systems.	ISYS 5347 – “Information Systems & Business Analytics” (I) MGMT 5372 “Health care IT” (R) MGMT 5374 “Applied Health Informatics” (M)
Understand the nature of the US healthcare system.	Recognize and analyze interactions between payers, providers, patients and policy makers.	MGMT 5366 “Health Service Management and Regulations” (M)