

CIS Required Courses	Spring	Fall
CIS 2010 Introduction to Computer based Information Systems	X	X
CIS 3001 Managing Information Technology Projects	X	X
CIS 3260 Introduction to Programming	X	X
CIS 3265 Introduction to Programming Exam	X	X
CIS 3300 Systems Analysis	X	X
CIS 3730 Database Management Systems	X	X
CIS 4970 Field Study in Computer Information Systems	X	X
CIS 4980 System Development Projects	X	X

CIS Application Development Track	Spring	Fall
CIS 3270 Application Programming		X
CIS 4280 Mobile Application Development	X	
CIS 4850 Cloud Application Development	X	X

CIS Cybersecurity Track	Spring	Fall
CIS 4680 Introduction to Information Security and Privacy	X	X
CIS 4684 Cybersecurity Tool and Solutions	X	X
CIS 4688 Protecting Business Systems and Networks	X	X

CIS Data Analytics Track	Spring	Fall
CIS 4730 Unstructured Data Management	X	X
CIS 4920 Data Programming	X	X
CIS 4930 Data Analytics	X	X

Process Innovation Track	Spring	Fall
CIS 4120 Defining and Innovating Business Processes		X
CIS 4140 Implementing IT-Enabled Business Processes	X	
CIS 4190 Digital Business Transformation	X	X