

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

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

| CIS Cybersecurity Track | Spring | Fall | Summer |
|---|---------------|-------------|---------------|
| 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 | Summer |
|---------------------------------------|---------------|-------------|---------------|
| CIS 4730 Unstructured Data Management | X | X | |
| CIS 4920 Data Programming | X | X | |
| CIS 4930 Data Analytics | X | X | |

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