# Master of Computer Information Systems

## Spring Start: 3-Year Degree Roadmap

<table>
<thead>
<tr>
<th>Semester</th>
<th>Program Courses</th>
<th>Elective Course Options</th>
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</table>
| **Spring** | CIS 600A – Project Management: Information Technology (3 credits) | Fall Course Options:  
- CIS 580A2 – AI/ML Product Development  
- CIS 563 – Information Assurance and Security (3 credits)  
- CIS 575 – Applied Data Mining and Analytics in Business (3 credits) |
| | CIS 606 – Information Systems Essentials  
(name change pending)  
(3 credits) |  
- CIS 605 – Business Visual Application Development (3 credits)  
- CIS 620 – IT Communications Infrastructure* (3 credits)  
- CIS 675 – Agile Management and Product Development* (3 credits) |
| **Fall** | CIS 605 – Business Visual Application Development (3 credits) |  
- CIS 570 – Business Intelligence (3 credits)  
- CIS 576 – Business Data Visualization (3 credits)  
- CIS 601 – Enterprise Computing & Systems Integration (3 credits) |
| | CIS Elective – Choose from elective course options (3 credits) |  
- CIS 610 – Software Development Methodology (3 credits)  
- CIS 665 – E-Business Application Technology* (3 credits)  
- CIS 670 – Advanced IT Project Management* (3 credits) |
| **Spring** | CIS 655 – Business Database Systems* (3 credits) |  
- CIS 611 – Object-Oriented Systems (3 credits)  
- CIS 676 – IT Management (3 credits) |
| | CIS Elective – Choose from elective course options (3 credits) | |
| **Fall** | CIS 610 – Software Development Methodology (3 credits) |  
- CIS 623 – Cybersecurity* (3 credits)  
- CIS 665 – E-Business Application Technology* (3 credits) |
| | CIS Elective – Choose from elective course options (3 credits) |  
- CIS 620 – IT Communications Infrastructure* (3 credits)  
- CIS 670 – Advanced IT Project Management* (3 credits) |
| **Spring** | CIS Elective – Choose from elective course options (3 credits) | |
| | CIS Elective – Choose from elective course options (3 credits) |  
- CIS 676 – IT Management (3 credits) |
| **Fall** | CIS Elective – Choose from elective course options (3 credits) | |

* Denotes corequisite or prerequisite course.

Questions pertaining to courses and roadmaps; contact the program’s academic advisor.