

# Master of Computer Information Systems

Fall Start: 1.5-Year Degree Roadmap

| Semester | Program Courses   | Elective Course Options  |  |  |
|----------|---|--|--|--|
| Fall     | CIS 600A – Project Management: Information Technology (3 credits)                       | <u>Fall Course Options</u> <ul style="list-style-type: none"> <li>• CIS 580A2 – AI/ML Product Development</li> <li>• CIS 563 – Information Assurance and Security (3 credits)</li> <li>• CIS 575 – Applied Data Mining and Analytics in Business (3 credits)</li> <li>• CIS 605 – Business Visual Application Development (3 credits)</li> <li>• CIS 620 – IT Communications Infrastructure* (3 credits)</li> <li>• CIS 675 – Agile Management and Product Development* (3 credits)</li> </ul> |  |  |
|          | CIS 605 – Business Visual Application Development (3 credits)                           |  |  |  |
|          | CIS 606 – Information Systems Essentials<br><i>[name change pending]</i><br>(3 credits) |  |  |  |
|          | CIS 610 – Software Development Methodology (3 credits)                                  |  |  |  |
| Spring   | CIS 655 – Business Database Systems* (3 credits)  |  | <u>Spring Course Options</u> <ul style="list-style-type: none"> <li>• CIS 570 – Business Intelligence (3 credits)</li> <li>• CIS 576 – Business Data Visualization (3 credits)</li> <li>• CIS 601 – Enterprise Computing &amp; Systems Integration (3 credits)</li> <li>• CIS 611 – Object-Oriented Systems (3 credits)</li> <li>• CIS 623 – Cybersecurity* (3 credits)</li> <li>• CIS 665 – E-Business Application Technology* (3 credits)</li> <li>• CIS 670 – Advanced IT Project Management* (3 credits)</li> <li>• CIS 676 – IT Management (3 credits)</li> </ul> |  |
|          | CIS Elective – Choose from elective course options (3 credits)                          |  |  |  |
|          | CIS Elective – Choose from elective course options (3 credits)                          |  |  |  |
|          | CIS Elective – Choose from elective course options (3 credits)                          |  |  |  |
| Fall     | CIS Elective – Choose from elective course options (3 credits)                          |  |  |  |
|          | CIS Elective – Choose from elective course options (3 credits)                          |  |  |  |
|          | 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.