

# M.S. in Cyber Intelligence and Security

## Prescott Program Requirements

|                      |           |
|----------------------|-----------|
| Core Requirements    | 30        |
| <b>Total Credits</b> | <b>30</b> |

## Program Details

The Master of Science in Cyber Intelligence and Security program requires successful completion of a minimum of 30 credit hours. The curriculum consists of core coursework, elective coursework, and a culminating experience through a graduate project, comprehensive examination, or master's thesis. Students pursuing this graduate degree must earn a minimum cumulative grade point average (CGPA) of 3.00 for all work completed at the University. The program may typically be completed in 18 to 24 months assuming full-time enrollment. The courses necessary to earn this degree are listed below.

Students should be aware that many courses have prerequisites and/or corequisites. Students are encouraged to engage with public- and private-sector partner organizations through research, project work, and other experiential learning opportunities. Students are responsible for ensuring that all prerequisite and degree requirements are met prior to enrollment in advanced coursework.

## Core Requirements

|                      |                                                     |           |
|----------------------|-----------------------------------------------------|-----------|
| CISE 505             | Cyber Intelligence and Information Systems Security | 3         |
| CISE 515             | System Security and Architecture                    | 3         |
| CISE 525             | Advanced Network Technology and Security            | 3         |
| CISE 555             | Software Reverse Engineering and Malware Analysis   | 3         |
| CISE 575             | Emerging Topics in Cybersecurity                    | 3         |
| CISE 625             | Advanced Network Forensics                          | 3         |
| CISE 630             | Threat Intelligence                                 | 3         |
| CISE 675             | Advanced Topics in Cybersecurity                    | 3         |
| CISE 690             | Cyber Security Graduate Project                     | 6         |
| or CISE 700          | Graduate Thesis                                     |           |
| <b>Total Credits</b> |                                                     | <b>30</b> |

## Suggested Plan of Study

### Year One

| Requirements                                                   | Credits  |
|----------------------------------------------------------------|----------|
| CISE 505 - Cyber Intelligence and Information Systems Security | 3        |
| CISE 555 - Software Reverse Engineering and Malware Analysis   | 3        |
| <b>Semester Hours</b>                                          | <b>6</b> |

| Requirements                                        | Credits  |
|-----------------------------------------------------|----------|
| CISE 515 - System Security and Architecture         | 3        |
| CISE 525 - Advanced Network Technology and Security | 3        |
| CISE 575 - Emerging Topics in Cybersecurity         | 3        |
| <b>Semester Hours</b>                               | <b>9</b> |

### Total Credits

Total Hours for All Requirements: 15

### Year Two

| Requirements                                | Credits  |
|---------------------------------------------|----------|
| CISE 625 - Advanced Network Forensics       | 3        |
| CISE 675 - Advanced Topics in Cybersecurity | 3        |
| <b>Semester Hours</b>                       | <b>6</b> |

| Requirements                                                        | Credits  |
|---------------------------------------------------------------------|----------|
| CISE 630 - Threat Intelligence                                      | 3        |
| CISE 690 - Cyber Security Graduate Project or 700 - Graduate Thesis | 6        |
| <b>Semester Hours</b>                                               | <b>9</b> |

### Total Credits

Total Hours for All Requirements: 15