



**COLLEGE OF ARTS & SCIENCES**  
**Master of Science in Cybersecurity**

Fall 2026 Approved Degree Worksheet

**PROGRAM REQUIREMENTS (30 CREDITS)**

**University Requirement (One as required upon admission)**

- |                                   |                                             |                                   |                                      |
|-----------------------------------|---------------------------------------------|-----------------------------------|--------------------------------------|
| <input type="checkbox"/> UNIV 500 | Regent Foundations for Graduate Success (2) | <input type="checkbox"/> UNIV LIB | Information Research & Resources (0) |
|-----------------------------------|---------------------------------------------|-----------------------------------|--------------------------------------|

**Cybersecurity Core Requirements (21 credits)**

- |                                   |                                              |                                   |                                               |
|-----------------------------------|----------------------------------------------|-----------------------------------|-----------------------------------------------|
| <input type="checkbox"/> AISY 610 | Foundations of Artificial Intelligence (3)   | <input type="checkbox"/> CYBR 640 | Digital Systems Design & Forensics (3)        |
| <input type="checkbox"/> CYBR 610 | Cybersecurity Ethics (3)                     | <input type="checkbox"/> CYBR 650 | Business Continuation & Disaster Recovery (3) |
| <input type="checkbox"/> CYBR 630 | Information Systems Security & Assurance (3) | <input type="checkbox"/> CYBR 660 | Cybersecurity Compliance (3)                  |
| <input type="checkbox"/> CYBR 635 | Internet & Network Security (3)              |                                   |                                               |

*MS in Cybersecurity students must **choose one** out of the following four concentrations.*

**Artificial Intelligence Concentration (9 credits)**

- |                                   |                                              |
|-----------------------------------|----------------------------------------------|
| <input type="checkbox"/> AISY 620 | Applied Artificial Intelligence (3)          |
| <input type="checkbox"/> AISY 630 | Managing Artificial Intelligence Systems (3) |
| <input type="checkbox"/> AISY 650 | Artificial Intelligence & Cybersecurity (3)  |

**Cybersecurity Management Concentration (9 credits)**

- |                                   |                                                                                  |
|-----------------------------------|----------------------------------------------------------------------------------|
| <input type="checkbox"/> LMOL 602 | Organizational Development: Consulting, Design, Intervention & Evaluation(3)     |
| <input type="checkbox"/> LMOL 606 | Strategic Thinking, Planning, & Organizational Change (3)                        |
| <input type="checkbox"/> LMOL 607 | Leadership, Technology, Job Design, Socio-technological Systems & Innovation (3) |

**Cybersecurity Practitioner Concentration (9 credits)**

- |                                   |                                      |
|-----------------------------------|--------------------------------------|
| <input type="checkbox"/> CYBR 505 | Operating Systems (3)                |
| <input type="checkbox"/> CYBR 524 | Network Architecture & Protocols (3) |
| <input type="checkbox"/> CYBR 581 | Basic Cyber Practicum (1)            |
| <input type="checkbox"/> CYBR 582 | Intermediate Cyber Practicum (1)     |
| <input type="checkbox"/> CYBR 583 | Advanced Cyber Practicum (1)         |

**Cybersecurity Policy Concentration (9 credits)**

- |                                                                               |                                                     |
|-------------------------------------------------------------------------------|-----------------------------------------------------|
| <input type="checkbox"/> GOV 606                                              | Social, Poli & Theological Implications of Tech (3) |
| <i><u>Plus two additional courses from the following list (6 credits)</u></i> |                                                     |
| <input type="checkbox"/> GOV 601                                              | International Relations & Cyber Politics (3)        |
| <input type="checkbox"/> GOV 608                                              | Public Information Systems Management (3)           |
| <input type="checkbox"/> GOV 609                                              | Critical Infrastructure Protection & Resilience (3) |

### General Notes

- Check Degree Works or the Catalog for course pre-requisite information.
- A minimum cumulative 2.5 GPA is required for good academic standing.
- Online students are expected to meet all the requirements of the Online and Distance section of the Catalog. Beyond those, online students in the College of Arts & Sciences should use Windows based PCs, preferably equipped with the latest operating system and the latest version of Microsoft Office. Recommendations for hardware specifications and other details can be found on IT Website. We value Apple products but because all Regent academic departments are Windows-based, we do not recommend the use of Mac computers.

### Program Related Notes

- This program is available online only.
- CYBR 660 must be taken as the **final** course. It requires **five** prerequisite courses: CYBR 630, 635, 640, **645**, 650
- Cyber Practitioner Concentration: CYBR 581, CYBR 582, and CYBR 583 practicum courses require some synchronous availability.
- Cyber Practitioner Concentration: CYBR 582 & 583 each require **two** prerequisite courses (ISYS 324, CYBR 524), and CompTIA+ Network Cert. (or equivalent)
- Courses available in Fall only: GOV 601
- Courses available in Spring only: GOV 606, 608
- Courses available in Summer only: GOV 609
- Some of the CYBR courses in this program are prerequisites for others in the degree. Please use the Course Planning Tool to map out your course schedule in order to create optimal schedules based on course rotations.

***All official degree information is found in Degree Works and the Graduate Catalog***

[Degree Works \(for Active Degree seeking students only\)](#)

[Course Planning Tool \(Active students only\)](#)

[Academic Catalogs](#)

[Academic Calendar](#)

[Academic Advising](#)