

# MS IN CYBER SECURITY ENGINEERING

## DEGREE PLAN

Program Start: Fall 2027



This degree plan is for students beginning the online MS in Cyber Security Engineering (MSCSE) program in the Fall 2027 term. This plan assumes that students will complete their degree in five (or six with CYBR 505) consecutive semesters and do not take a leave of absence from their program. Taking a leave of absence will change the degree plan and delay the anticipated program completion.

| Term                                                                                                                                   | Course   | Course Name                                                   | Units | Start Date        | End Date   |
|----------------------------------------------------------------------------------------------------------------------------------------|----------|---------------------------------------------------------------|-------|-------------------|------------|
| Fall 2027                                                                                                                              | CYBR 592 | Orientation New Student Orientation                           | 0     | Upon Registration | 08/27/2027 |
| Fall 2027                                                                                                                              | CYBR 505 | Foundational Cybersecurity Computational Tools                | 6     | 08/31/2027        | 12/06/2027 |
| Students required to take CYBR 505 will start in CYBR 505. Students not required to take CYBR 505 will start in CYBR 501 and CYBR 502. |          |                                                               |       |                   |            |
| Fall 2027                                                                                                                              | CYBR 501 | Foundational Introduction to Cybersecurity Concepts and Tools | 3     | 08/31/2027        | 10/18/2027 |
| Fall 2027                                                                                                                              | CYBR 502 | Foundational Cybersecurity Network Defense                    | 3     | 10/19/2027        | 12/06/2027 |
| Spring 2028                                                                                                                            | CYBR 503 | Core Cloud Security Ops                                       | 3     | 01/11/2028        | 02/28/2028 |
| Spring 2028                                                                                                                            | CYBR 504 | Core Applied Cryptography                                     | 3     | 02/29/2028        | 04/17/2028 |
| Summer 2028                                                                                                                            | CYBR 506 | Core AI/ML Security                                           | 3     | 05/09/2028        | 06/26/2028 |
| Summer 2028                                                                                                                            | CYBR 508 | Core Penetration Testing & Adversarial Operations             | 3     | 06/27/2028        | 08/14/2028 |
| Fall 2028                                                                                                                              | CYBR 510 | Core Security Test Engineering                                | 3     | 09/05/2028        | 10/23/2028 |
| Fall 2028                                                                                                                              | CYBR 512 | Core Incident Detection and Handling                          | 3     | 10/24/2028        | 12/11/2028 |
| Spring 2029                                                                                                                            | CYBR 514 | Capstone Cyber Engineering Research I                         | 3     | TBA               | TBA        |
| Spring 2029                                                                                                                            | CYBR 516 | Capstone Cyber Engineering Research II                        | 3     | TBA               | TBA        |

### FALL 2027 IMPORTANT DATES

|                                                           |            |
|-----------------------------------------------------------|------------|
| Registration Opens                                        | 06/28/2027 |
| Registration Deadline                                     | 08/13/2027 |
| Financial Aid Requirements Due                            | 08/13/2027 |
| Last Day to Drop <b>Any</b> Course with a Full Refund     | 08/30/2027 |
| Payment Due Date                                          | 08/31/2027 |
| Semester Begins                                           | 08/31/2027 |
| First Course Start Date                                   | 08/31/2027 |
| Last Day to Drop Any Course with 95% Refund/Drop Deadline | 09/03/2027 |
| First Course End Date                                     | 10/18/2027 |
| Second Course Start Date                                  | 10/19/2027 |
| Last Day to Withdraw from Course B                        | 11/15/2027 |
| Second Course End Date                                    | 12/06/2027 |
| Semester Ends                                             | 12/06/2027 |

Revision Date: 08/04/26. Degree plans are subject to change.