Bachelor of Science – Cyber Security | Software Security
Academic Year 2021 – 2022 --- A Possible Course Sequence

Semester 1
Fall
13–14 credits

- UN 1015 Composition (3)
- MA 1160 or 1161 Calc 1 (4 or 5)
- Gen Ed Science (3)
- Technical Electives (3 credits minimum)

Semester 2
Spring
16.5 credits

- UN 1025 Global Issues (3) [f,s,su] OR Modern Language Option
- MA 2320 Elementary Linear Algebra (2)
- MA 2720 Statistical Methods (4)
- Technical Elective (3 or 4 credits)

Semester 3
Fall
17 credits

- SAT 1700 Cyber Ethics (3)
- CS 1142 Programming at the HW/SW Interface (3)
- CS 3141 Team Software Project (3)
- Free Elective

Semester 4
Spring
16.5 credits

- CS 1122 Intro to Programming 2 (3)
- CS 2311 Discrete Structures (4)
- CS 3421 Computer Organization (3)
- CS 4321 Intro to Algorithms (3)

Semester 5
Fall
16 credits

- CS 2321 Data Structures (3)
- CS 3425 Intro to Database Systems (3)
- CS 4461 Computer Security (3)
- Technical Elective (3 or 4 credits)

Semester 6
Spring
17 credits

- SAT 2711 Linux Fundamentals (4)
- CS 3331 Concurrent Computing (3)
- CS 4471 Computer Networks (3)
- Free Elective

Semester 7
Fall
14+ credits

- CS 3141 Team Software Project (3)
- CS 3411 System Programming (3)
- CS 4740 Dev of Trusted Software (3)
- Technical Elective (3 or 4 credits)

Semester 8
Spring
16+ credits

- CS 3141 Team Software Project (3)
- CS 3411 System Programming (3)
- CS 4740 Dev of Trusted Software (3)
- Technical Elective (3 or 4 credits)

This degree requires 121 total credits.