COLLEGE OF HUMANITIES, ARTS & SOCIAL SCIENCES

Four-Year Curriculum for Cybersecurity

<u>Degree Awarded:</u> Bachelor of Science in Cybersecurity

<u>Total Credits Required:</u> To obtain this undergraduate degree, the student must fulfill the requirements of the <u>University Core Curriculum</u>, the requirements for the program major and complete a minimum of 120 credit hours.

*This is a sample sequence of course offerings for students enrolled in Fall 2025 or later. Classes may not be offered in this exact order. Please consult your advisor prior to registration. ***

Year 1 – Fall	Course Title	Credits
CIS 1010	Foundation in Cybersecurity	3
CIS 4060	Systems Analysis and Design	3
Core: A2: English		3
Core: B1: Math		3
Core or Electives		3--6

Year 1 - Winter	Course Title	Credits
CIS 2570	Network Engineering Fundamentals	3
CIS 3350	Introduction to Human Factors in IT	3
Core or Electives		9--12

Year 2 - Fall	Course Title	Credits
CIS 4560	Database Design	3
CIS 3070	Software Testing and Quality Assurance	3
ENL 3030	Technical Writing	3
Core or Electives		6--9

Year 2 - Winter	Course Title	Credits
CIS 4505	Software Project Management	3
CIS 4650	Information and Society	3
Core or Electives		9--12

Year 3 - Fall	Course Title	Credits
CIS 4450	Introduction to Digital Forensics	3
CIS Elective	Any CIS course or BUS 3170 , CSSE 1710 , CSSE 2130 , or CSSE 4440	3
Core or Electives		9--12

Year 3 - Winter	Course Title	Credits
CIS 3720	Incident Response and Disaster Recovery	3
CIS Elective	Any CIS course or BUS 3170 , CSSE 1710 , CSSE 2130 , or CSSE 4440	3
Core or Electives		9--12

Year 4 - Fall	Course Title	Credits
CIS 4710	Ethical Hacking	3
CIS 3850	Cybersecurity Risk Management	3
Core or Electives		9--12

Year 4 - Winter	Course Title	Credits
CIS 4075	Enterprise Architecture	3
Core or Electives		12--15

Total credit hours - 120

Notes:

***Students have flexibility in the selection of Core Curriculum courses based on the university class schedule.

Advising

Students must meet with their academic advisor **each semester** to have their advising hold removed. This meeting is required in order to register for classes for the upcoming term.