

CYBERSECURITY MAJOR (CYBS.BS)

<u>Required Courses</u>		<u>Hrs.</u>	<u>Prereq.</u>	<u>Rec.Yr.</u>
CSCI 105	Python Programming	3		Fr
CSCI 140	Computer Science Essentials	3		Fr
CSCI 210	Object Oriented Programming I	3		Soph
CSCI 220	Object Oriented Programming II	3	CSCI 210	Soph
CSCI 350	Database Management Systems	3	CSCI 140	Jr
CSCI 388	Special Topics	3		Jr/Sr
CYBS 110	Cybersecurity Fundamentals	3		Fr
CYBS 215	Secure System Administration	3		Soph
CYBS 220	Secure Network Design	3		Soph
CYBS 305	Ethics & Cybersecurity Law	3	CYBS 110	Jr
CYBS 320	Cybersecurity Risk Management	3	CYBS 110	Jr
CYBS 330	Modern & Emer Topics in Cybersecurity	3	CYBS 215, 220	Jr
CYBS 340	Ethical Hacking & Offensive Security	3	CYBS 215, 220	Jr
CYBS 401	Final Year Portfolio Showcase	1	Coreq CYBS 499	Sr
^CYBS 498	Senior Project I	3	CYBS Major	Sr
^CYBS 499	Senior Project II	1	CYBS 498	Sr

One of the following courses

MATH 110	College Algebra	3		Fr
MATH 130	Precalculus	3	MATH 110	Fr
MATH 161	Calculus I	4	C or better in MATH 130 or placement	Fr/Soph

47-48 total hours

^Satisfies advanced writing requirement

NAME: _____

B.S. Degree: Cybersecurity Major (for students entering in Fall 2026/Spring 2027)

In the "WHAT" column, enter the specific course number when applicable--e.g. HIST 121. In the "WHEN" column, enter the term and year in which the requirement is satisfied--e.g., sp '20.

Liberal Arts Core	
WHAT	WHEN
_____	ENGL 101* w/ C (2.0) [3 hrs]
_____	ENGL 110 w/ C (2.0) [3 hrs]
_____	COMM 211 w/ C (2.0) [3 hrs]
_____	Dept senior seminar/writing course
Met by: _____	CYBS 498 [3 hrs]
AND _____	CYBS 499 [1 hr]
_____	FYEX 101 [3 hrs]
_____	FYEX 102 [1 hr]
_____	FYEX 103/104/105/106/107 [1 hr]
_____	FYEX 103/104/105/106/107 [1 hr]
_____	Foundational Scientific Inquiry [3-4 hrs]
_____	Foundational Quantitative Analysis [3-4 hrs]
_____	Foundational Humanities & Liberal Arts [3 hrs]

No more than two lens courses may come from same departmental prefix and one lens must be taken at 300 level or above.

_____	_____	Ethical/Spiritual Explor Lens (ETSP) [3 hrs]
_____	_____	Aesthetic Expression Lens (AEXP) [3 hrs]
_____	_____	Per & Soc Well Being Lens (PSWB) [3 hrs]
_____	_____	Cultural Perspectives Lens (CEXP) [3 hrs]
_____	_____	Experimental Inquiry Lens (EXIN) [3 hrs]

39 - 41 Total semester hours

_____ 120 semester hours required for graduation

*Enter NA (not applicable) if waived upon admission

For students classified as transfers, FYEX course requirements are dependent upon total transferrable credit hours.

Cybersecurity Major	
WHAT	WHEN
_____	CSCI 105 [3 hrs]
_____	CSCI 140 [3 hrs]
_____	CSCI 210 [3 hrs]
_____	CSCI 220 [3 hrs]
_____	CSCI 350 [3 hrs]
_____	CSCI 388§ [3 hrs]
_____	CYBS 110 [3 hrs]
_____	CYBS 215 [3 hrs]
_____	CYBS 220 [3 hrs]
_____	CYBS 305 [3 hrs]
_____	CYBS 320 [3 hrs]
_____	CYBS 330 [3 hrs]
_____	CYBS 340 [3 hrs]
_____	CYBS 401 [1 hr]
_____	CYBS 498 [3 hrs]
_____	CYBS 499 [1 hr]
_____	_____
_____	MATH 110/130/161 [3-4 hrs]
_____	_____
_____	47-48 semester hours

§CSCI 388 may be repeated when topic changes.

➤Except in specifically approved majors, a maximum of 52 hours in an academic discipline may count toward graduation. Three hours over the limit may count to accommodate an internship in the discipline.

➤ Only six hours of any minor may overlap with the required credit hours of a student's chosen major. The overlap constraint is not applicable to courses that majors or minors MUST take in others departments.