

# CYBERSECURITY (B.S.)

## Integrative Studies Requirements

40 credits minimum

Code	Title	Credits	Completed
<b>Major Requirements (56 credits)</b>			
<i>Foundational Math, Statistics, and Computer Programming Core</i>			
MATH-135	Discrete Mathematics for CS	4	_____
MATH-141	Introductory Statistics	4	_____
ISCS-210	Python Programming	4	_____
<i>Cybersecurity Core</i>			
CS-215	OS Administration	4	_____
CJS-250	Homeland Security	4	_____
IICS-350	Cybercrime	4	_____
CS-355	Computer Networks	4	_____
CS-455	Crypt & Network Security	4	_____
<i>Data Analytics Core</i>			
IIPHYS-342	Data Analysis for Scientists	4	_____
ISMGT-383	Applied Data Analysis & Vis	4	_____
CS-480	Machine Learning	4	_____
<i>Societal and Human Security Core</i>			
ISCJS-101	Intro Criminal Justice Studies	4	_____
IIECON-310	Game Theory	4	_____
<i>Societal and Human Security Related Elective</i>			
Select <b>one</b> of the following:		4	_____
IICOMM-110	Information and Media Literacy		_____
COMM-385	Digital Comm Law & Ethics		_____
MGT-380	Project MGT Fundamentals <sup>1</sup>		_____
MGT-381	Mgt Information Systems <sup>1</sup>		_____
ISPOSC-318	Law and Policy		_____
POSC-324	International Law		_____
<b>Total Credits</b>		<b>56</b>	_____

<sup>1</sup> MGT-380 Project MGT Fundamentals and MGT-381 Mgt Information Systems have additional Prerequisites.

It is strongly recommended for students to consider participating in either CS-297 Internship or CS-497 Advanced Internship.

## Electives

Select courses to reach a total of 120 credits for the degree.

## Degree Requirements

120 credits

40 credits at the upper-level