

Cybersecurity B.S.C.Y.S.

2-Year Plan of Study

Items marked with a ☒ are critical for the student to remain on track for graduation.

Notes

The Plan of Study is a static review of the degree. Connect with your major advisor for a personalized path toward graduation.

Potential Entry Level Job Titles:

Cybersecurity Specialist ◦ Information Technology Security Specialist ◦ Cybersecurity Consultant
◦ Information Security Analyst ◦ Penetration and Vulnerability Tester

Potential Entry Level Salary Range:

\$55,000 - \$85,000

Semester 1 - Fall

Crit	Course/Requirement	Credits
<input type="checkbox"/>	CIS 3213 - Foundations of Cybersecurity	3
<input checked="" type="checkbox"/>	COP 3515 - Advanced Program Design	3
<input type="checkbox"/>	ISM 4323 - Info Security/IT Risk Mgmt	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>	General/Unrestricted Elective	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 2 - Spring

Crit	Course/Requirement	Credits
<input type="checkbox"/>	CIS 4622 - Hands-on Cybersecurity	3
<input type="checkbox"/>	COP 4538 - Data Structures & Algorithms	3
<input type="checkbox"/>	CIS 4219 - Human Aspects of Cybersecurity	3
<input type="checkbox"/>	CNT 4104 - Computer Information Networks	3
<input type="checkbox"/>	CNT 4104L - Computer Info Networks Lab	1
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 3 - Summer		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	Consider pursuing an Education Abroad, Internship, Community Engagement, or Research Experience in the Summer term.	0
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 4 - Fall		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	CIS 4200 - Penetration Testing	3
<input type="checkbox"/>	CNT 4403 - Network Security & Firewalls	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		

Semester 5 - Spring		
Crit	Course/Requirement	Credits
<input type="checkbox"/>	COP 4703 - Advanced Database Systems	3
<input type="checkbox"/>	LIS 4414 - Information Policy & Ethics	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>	Major Elective	3
<input type="checkbox"/>	General/Unrestricted Elective	3
<input type="checkbox"/>	Apply for Graduation	0
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		
<input type="checkbox"/>		