

CYBERSECURITY CURRICULUM

FRESHMAN YEAR

Course	Hrs. Credit	Course	Hrs. Credit
SENL 101N (English Composition I).....	3	SENL 102N (English Composition II).....	3
SHIS 201N or 202N (U.S. History).....	3	SSOC 201N Intro to Sociology or SPSY Gen. Psychology (100/200)	3
SMAT 130N (Elementary Statistics)	3	Mathematics/Analytical Reasoning (100/200)	3
CYBR 100N/100L (Introduction to Cybersecurity)	4	CYBR 101N/101L (Computer and IT fundamentals)	4
JRDV 111N (College Survival Skills)	1	UMA 201N Humanities Elective (100/200) ...	3
JRDV 111AN (Freshman Assembly).....	0		
CISP 164N (Computer Productivity I).....	3		
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	17		16

SOPHOMORE YEAR

Humanities Elective(100/200)	3	CYBR 210N Intro to Cryptography	3
SBIO 101N & 101L (General Biology I)	4	SBIO 102N & 102N (General Biology II)	4
CYBR 201N/201L Secure Network Resource . Mgt	4	PSY 201N General Psychology (100/200)	3
FIAR 101N Fine Arts Elective (100/200).....	3	Free Elective.....	3
SPHY 102N Natural/Physical Science Elective (100/200).....	3		
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	17		13

JUNIOR YEAR

CYBR 301N Digital Forensics.....	3	CYBR 330N Data Analytics	3
CYBR 311N Network Attacks and Hacking	3	CYBR 335N/335L Intro to Networking.....	4
CYBR 322N Incident Handling and Mali.....	3	CYBR 342N Secure Software Design	3
CYBR 315N Secure Software Development (NetAcad DevNet)	3	CYBR 355N Securing Industrial Control Syses	3
CISP 320N System Analysis and Design	3		
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	15		13

SENIOR YEAR

CYBR 410N Linux System Administration	3	CYBR 430N/430L Securing Operations Fund...	4
CYBR428N/428L Switching Routing, and Wireless	4	CYBR 435N/435L Enterprise Network App	4
CYBR429 Introduction to Artificial Intelligence	3	CYBR 455 Capstone Project	3
CYBR432 Applied Artificial Intelligence.....	3	Free Elective.....	3
Free Elective.....	2		
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	15		14

