



## Bachelor of Science in Cybersecurity Pathway: Cypress College

To earn a bachelor's degree from National University students must complete a minimum of 180 quarter units. Requirements include but are not limited to the university's general education program (to include upper division and cultural diversity), the preparatory courses listed below, major core coursework and any additional courses necessary to fulfill overall program requirements.

The table below maps National University's Foundation Technology courses to equivalencies identified at Cypress College.

Cypress College	National University
<b>Equivalent Transfer Course</b>	<b>Preparatory Courses Required</b>
CIS 195C Network Security	CYB 200 Introduction to Cybersecurity
CIS 110C Linux Operating System <b>AND</b> CIS 185C Administering Windows Server	CYB 204 Operating System Fundamentals
CIS 190C Cybersecurity Competition Fundamentals <b>AND</b> CIS 185C Administering Windows Server	
CIS 230C Cisco Networking 1	
<i>No Equivalent Cypress College Course</i>	CYB 202 Introduction to Networking
CIS 201C Microsoft Virtualization and Cloud Deployment	CYB 213 Data Fundamentals for Cybersecurity
CIS 247C Python Programming	CYB 215 Fund of Virtualization and Cloud Comp
	CYB 216 Programming for Cybersecurity

Requirements for the Major at National University (14 courses; 63 quarter units)	
CYB 320 Tech Writing/Project Mgmt for CYB	CYB 451 Incident Handling/Response
CYB 331 Secure Linux Systems Admin	CYB 452 Intro to Ethical Hacking
CYB 332 Secure Windows Administration	CYB 453 Network Defense
CYB 333 Security Automation	CYB 454 Cybersecurity Planning and Policy
CYB 340 Sys Sec Arch for Cybersecurity	CYB 499A Cybersecurity Project I
CYB 420 Sec Audit and Assessments	CYB 499B Cybersecurity Project II
CYB 450 Cyber Threat Intelligence	CYB 499C Cybersecurity Project III
Choose one Concentration listed below required for program	
<b>Computer Network Defense</b> (4 courses; 18 quarter units)	<b>Digital Forensics</b> (4 courses; 18 quarter units)
CYB 460 Operating System Security	CYB 470 Intro to Digital Forensics
CYB 461 Wireless and Mobile Security	CYB 471 Operating Systems Forensics
CYB 462 Cloud and Virtualization Sec	CYB 472 Network Forensics
CYB 463 Advanced Network Defense	CYB 473 Mobile Device Forensics

Note: These requirements are subject to change. Please see National University's online General Catalog for official record of requirements for the year you are admitted.