



Bachelor of Science in Cybersecurity Pathway HOUSTON COMMUNITY 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 Cybersecurity courses to equivalencies identified at **HOUSTON COMMUNITY COLLEGE**.

HOUSTON COMMUNITY COLLEGE	NATIONAL UNIVERSITY
Equivalent Transfer Course	Preparatory Courses Required
ITCC1414- CCNA 1 Introduction to Networks	CYB202- Introduction to Networking
COSC2425- Computer Organization	CYB204- Operating System Fundamentals
ITSY1342- Information Technology Security	CYB206- Introduction to Cybersecurity
No Course Equivalency	CYB213- Data Fundamentals for Cybersecurity
No Course Equivalency	CYB215- Fund of Virtualization and Cloud Comp
No Course Equivalency	CYB216- Programming for Cybersecurity
REQUIREMENTS FOR THE MAJOR (14 courses; 63 quarter units)	
CYB 320 Tech Writing/Project Management for CYB	
CYB 331 Secure Linux Systems Admin	
CYB 332 Secure Windows Administration	
CYB 333 Security Automation	
CYB 340 Sys Sec Arch for Cybersecurity	
CYB 420 Sec Audit and Assessments	
CYB 450 Cyber Threat Intelligence	
CYB 451 Incident Handling/Response	
CYB 452 Intro to Ethical Hacking	
CYB 453 Network Defense	
CYB 454 Cybersecurity Planning and Policy	
CYB 499A Cybersecurity Project I	
CYB 499B Cybersecurity Project II	
CYB 499C Cybersecurity Project III	
Choose one Concentration listed below required for the program	
Computer Network Defense (4 courses; 18 quarter units)	Digital Forensics (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.