



Bachelor of Science in Cybersecurity Pathway MIRACOSTA 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 CYBER courses to equivalencies identified at **MIRACOSTA COLLEGE**.

Articulation is one way into NU, please connect with a counselor for more information.

MIRACOSTA COLLEGE	NATIONAL UNIVERSITY
Equivalent Transfer Course	Preparatory Courses Required
CSIT 181 Fundamentals of Computer Networking OR CSIT 191 Fundamentals of Cisco Networking	CYB 202 Introduction to Networking
CSIT 183 Windows Server AND CSIT 184 Linux Server	CYB 204 Operating System Fundamentals
CSIT 182 Fundamentals of Computer Security	CYB 206 Introduction to Cybersecurity
No Equivalent MiraCosta College Course	CYB 213 Data Fundamentals for Cybersecurity
No Equivalent MiraCosta College Course	CYB 215 Fund of Virtualization and Cloud Comp
CS 138 Programming with Python	CYB 216 Programming for Cybersecurity
REQUIREMENTS FOR THE MAJOR (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 the program (4 courses; 18 quarter units)	
COMPUTER NETWORK DEFENSE	DIGITAL FORENSICS
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: There requirements are subject to change. Please see the [National University’s Online General Catalog](#) for official record requirements for the year you are admitted.