



# NATIONAL UNIVERSITY

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## Bachelor of Science in Cybersecurity Pathway AMERICAN RIVER 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 **AMERICAN RIVER COLLEGE**.

Click [here](#) for NU and Community Colleges Articulation Agreement.

AMERICAN RIVER COLLEGE		NATIONAL UNIVERSITY	
<b>Equivalent Transfer Course</b>		<b>Preparatory Courses Required</b>	
CISN 300 Network Systems Administration		CYB 202 Introduction to Networking	
CISS 341 Implementing Windows Operation System Security <b>and</b> CISS 342 Implementing Linux Operating System Security		CYB 204 Operating System Fundamentals	
CISS 310 Network Security Fundamentals		CYB 206 Introduction to Cybersecurity	
CISS 325 Network Security and Firewalls		CYB 213 Data Fundamentals for Cybersecurity	
<i>No Equivalent American River College Course</i>		CYB 215 Fund of Virtualization and Cloud Comp	
<i>No Equivalent American River College Course</i>		CYB 216 Programming for Cybersecurity	
<b>REQUIREMENTS FOR THE MAJOR</b> (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	
<b>Choose one Concentration listed below required for the program</b> (4 courses; 18 quarter units)			
<b>COMPUTER NETWORK DEFENSE</b>		<b>DIGITAL FORENSICS</b>	
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 National University’s online General Catalog for official record of requirements for the year you are admitted.