



## Bachelor of Science in Cybersecurity Pathway: Cerritos 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 Cerritos College.

| Cerritos College   | National University                           |
|--|---|
| <b>Equivalent Transfer Course</b>  | <b>Preparatory Courses Required</b>           |
| CIS 170L Cybersecurity Fundamentals  | CYB 200 Introduction to Cybersecurity         |
| CIS 213F Microsoft Windows Server Administration<br><i>and</i><br>CIS 214 UNIX and LINUX Operating Systems | CYB 204 Operating System Fundamentals         |
| CIS 170A Networking Fundamentals   | CYB 202 Introduction to Networking            |
| <i>No Equivalent Cerritos College Course</i>   | CYB 213 Data Fundamentals for Cybersecurity   |
| <i>No Equivalent Cerritos College Course</i>   | CYB 215 Fund of Virtualization and Cloud Comp |
| <i>No Equivalent Cerritos College Course</i>   | CYB 216 Programming for Cybersecurity         |
| <b>Requirements for the Major at National University (14 courses; 63 quarter units)</b>                    |   |
| CYB 320 Tech Writing/Project Mgmt 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   |   |
| <b>Choose one Concentration listed below required for program</b>  |   |
| <b>Computer Network Defense (4 courses; 18 quarter units)</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.