



## Bachelor of Science in Cybersecurity Pathway: Mt. San Antonio 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 Mt. San Antonio College.

| Mt. San Antonio College   | National University                                    |
|---|--|
| <b>Equivalent Transfer Course</b>   | <b>Preparatory Courses Required</b>                    |
| CISS 21 Network Vulnerability and Countermeasures   | CYB 200 Introduction to Cybersecurity                  |
| CISN 24 Window Server Network and Security Administration<br><b>and</b> CISN 34 Linux Networking and Security<br><b>or</b><br>CISN 21 Windows Operating System<br><b>and</b> CISN 31 Linux Operating System | CYB 204 Operating System Fundamentals                  |
| CISN 11 Telecommunication Networking<br><b>or</b><br>CISN 51 CISCO CCNA Networking and Routing  | CYB 202 Introduction to Networking                     |
| CISS 23 Network Analysis, Intrusion Detection/Prevention Systems  | CYB 213 Data Fundamentals for Cybersecurity            |
| <i>No Equivalent Mt. San Antonio College Course</i>   | CYB 215 Fund of Virtualization and Cloud Comp          |
| <i>No Equivalent Mt. San Antonio 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>   | <b>Digital Forensics (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.