



# 3+1 Transfer Pathway Between Maricopa County Community College District and University of Phoenix

*Associate in Applied Science Degree in Cybersecurity with Specialization IV: Cisco Network Administration and Security (Maricopa County Community College District)*

2025-2026 Catalog Year to:

*Bachelor of Science in Information Technology v010A (UOPX)*

## UOPX General Education and Elective Program Requirements

| Bachelor of Science in Information Technology Degree Requirement                                                                                         | Recommended Courses                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Institution                      | Credits Utilized |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------|
| <b>Communication Arts (6 credits)</b><br>[Must Include three (3) credits of College Composition]                                                         | ENG 101 -or- ENG 107*<br>ENG 102 -or- ENG 108*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MCCCD<br>MCCCD                   | 3<br>3           |
| <b>Mathematics (6 credits)</b><br>[Must Include six (6) credits of the University's mathematics acceptable coursework]<br>[Math Proficiency Requirement] | MAT 142 College Mathematics* (Mathematics in the AAS Degree and General Education Requirements)<br>MAT 122 Intermediate Algebra**                                                                                                                                                                                                                                                                                                                                                                                                                               | MCCCD<br>MCCCD                   | 3<br>3           |
| <b>Science and Technology (3 credits)</b><br>[Must Include three (3) credits in the Physical or Biological Sciences]                                     | Any four (4) credits of Natural Sciences listed in the AAS Degree and General Education Requirements that does not duplicate*                                                                                                                                                                                                                                                                                                                                                                                                                                   | MCCCD                            | 3                |
| <b>Humanities (6 credits)</b><br>[Must Include GEN/201 Foundations for University Success]                                                               | GEN/201 Foundations for University Success<br>HUM 101 General Humanities* (Humanities, Arts and Design in the AAS Degree and General Education Requirements)                                                                                                                                                                                                                                                                                                                                                                                                    | UOPX<br>MCCCD                    | 3<br>3           |
| <b>Social Science (6 credits)</b>                                                                                                                        | Any three (3) credits of Social-Behavioral Sciences listed in the AAS Degree and General Education Requirements that does not duplicate*<br>Any three (3) credits of Social-Behavioral Sciences listed in the AAS Degree and General Education Requirements that does not duplicate**                                                                                                                                                                                                                                                                           | MCCCD<br>MCCCD                   | 3<br>3           |
| <b>Liberal Arts (6 credits)</b>                                                                                                                          | COM 100 -or- COM 110 -or- COM 225 -or- COM 230*<br>CNT 202 -or- CNT 205*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MCCCD<br>MCCCD                   | 3<br>3           |
| <b>Interdisciplinary (12 credits)</b>                                                                                                                    | BPC 270 -or- MST 150*<br>CIS 105 Survey of Computer Information Systems*<br>CIS 111 -or- ITS 120*<br>ITS 240 Ethical Hacking and Network Defense*                                                                                                                                                                                                                                                                                                                                                                                                               | MCCCD<br>MCCCD<br>MCCCD<br>MCCCD | 3<br>3<br>3<br>3 |
| <b>Information Systems and Technology Electives (6 credits)**</b>                                                                                        | CIS 126DL -or- CIS 126RH*<br>CNT 140AB Introduction to Networks*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MCCCD<br>MCCCD                   | 3<br>3           |
| <b>Elective (18 credits)</b>                                                                                                                             | <i>Lower Division Elective Credits Filled by Combined Credits From:</i><br>Any four (4) credits of Natural Sciences listed in the AAS Degree and General Education Requirements that does not duplicate (excess), CNT 140AB Introduction to Networks (excess)*<br>FYE 101 -or- FYE 103, CNT 150AB Switching, Routing, and Wireless Essentials, CNT 160AB Enterprise Networking, Security, and Automation, CNT 202 -or- CNT 205 (excess)*<br>CNT 203 CCNA Cybersecurity Operations (excess), Any college-level/transferable coursework that does not duplicate** | MCCCD<br>MCCCD<br>MCCCD          | 2<br>10<br>6     |

\*Course recommended or required to maximize transfer into UOPX based off Associate degree requirements to obtain an Associate in Applied Science Degree in Cybersecurity with Specialization IV: Cisco Network Administration and Security from Maricopa County Community College District.

\*\*Course recommended by UOPX outside of Associate degree requirements to reach transfer credit totals listed on pathway. Students may have other options to satisfy this course requirement at University of Phoenix. Students should consult an advisor at their respective institution if they would like to take courses outside of the recommended sequence.

++Information Systems and Technology coursework seeking to be used to satisfy the Information Systems and Technology elective category must have been completed within the past five (5) years from current program enrollment sign date to be eligible for transfer.



## UOPX Course of Study Requirements

| <b>Bachelor of Science in Information Technology Degree Requirement</b> | <b>Recommended Courses</b>                                              | <b>Institution</b> | <b>Credits</b> |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------------|----------------|
| Information Systems Fundamentals+                                       | <i>CIS 250 Management of Information Systems* (Restricted Elective)</i> | <i>MCCCD</i>       | <b>3</b>       |
| Cyber Domain+                                                           | <i>CNT 203 CCNA Cybersecurity Operations**</i>                          | <i>MCCCD</i>       | <b>3</b>       |
| Foundations of Security+                                                | <i>ITS 110 Information Security Fundamentals*</i>                       | <i>MCCCD</i>       | <b>3</b>       |
| Algorithms and Logic for Computer Programming+                          | <i>CIS 150 Programming Fundamentals**</i>                               | <i>MCCCD</i>       | <b>3</b>       |
| Object-Oriented Scripting Language+                                     | <i>CIS 156 Python Programming: Level I*</i>                             | <i>MCCCD</i>       | <b>3</b>       |
| Infrastructure Administration+                                          | <i>CIS 270 Essentials of Network and Information Security**</i>         | <i>MCCCD</i>       | <b>3</b>       |
| Data Programming Languages+                                             | <i>CIS 276DA MySQL Database**</i>                                       | <i>MCCCD</i>       | <b>3</b>       |
| Fundamentals of Networking                                              | NTC/362 Fundamentals of Networking                                      | UOPX               | <b>3</b>       |
| Data Structures for Problem Solving                                     | DAT/305 Data Structures for Problem Solving                             | UOPX               | <b>3</b>       |
| Fundamentals of Business Systems Development                            | BSA/375 Fundamentals of Business Systems Development                    | UOPX               | <b>3</b>       |
| Intro to Software Engineering                                           | BSA/385 Intro to Software Engineering                                   | UOPX               | <b>3</b>       |
| Project Planning & Implementation                                       | CMGT/410 Project Planning & Implementation                              | UOPX               | <b>3</b>       |
| BSIT Capstone                                                           | BSA/425 BSIT Capstone                                                   | UOPX               | <b>3</b>       |
| Upper Division Information Systems and Technology Electives             | Upper Division Information Systems and Technology Electives             | UOPX               | <b>12</b>      |

## Institutional Credit Breakdown

|                                                                                                              |            |
|--------------------------------------------------------------------------------------------------------------|------------|
| Minimum Credits Required for AAS Degree in Cybersecurity with Spec IV: Cisco Network Admin and Security      | 63 Credits |
| Credits Utilized from AAS in Cybersecurity with Spec IV: Cisco Network Admin and Security Degree             | 63 Credits |
| Recommended Credits Outside AAS in Cyber with Spec IV: Cisco Network Admin & Sec Degree to Maximize Transfer | 24 Credits |

## Total Credits Required to Complete Bachelor's Degree 120

|                                                                  |    |
|------------------------------------------------------------------|----|
| Total Maricopa County Community College District Applied Credits | 87 |
| Required University of Phoenix Credits (30 Upper Division)       | 33 |

+ Identifies lower division courses that can be waived using transfer coursework providing certain conditions are met upon admission to UOPX.

NOTE: This breakdown represents the recommended course sequence a student should pursue in order to transfer into University of Phoenix. This summary is an estimation of credits only based on the current catalog and degree program requirements. Actual credit may vary based on each individual student's submission. Concentrations are reflected on the transcript only. All courses that apply to an associate's degree transfer to the University of Phoenix with the exception of remedial or vocational courses. Courses must have received a grade of C- or higher to transfer.