



Transfer Pathway Between Des Moines Area Community College and University of Phoenix

Associate in Applied Science Degree in Cybersecurity (Des Moines Area Community College)
2023-2024 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	
Communication Arts (6 credits) [Must Include three (3) credits of College Composition]	ENG 105 Composition I*	DMACC	3	
	ENG 106 – or – ENG 108*	DMACC	3	
Mathematics (6 credits) [Must Include six (6) credits of Quantitative Reasoning, Statistics, College Algebra or Calculus] [Math Proficiency Requirement]	MAT 156 Statistics* (AAS Degree Core Math)	DMACC	3	
	MAT 130 Trigonometry**	DMACC	3	
Science and Technology (3 credits) [Must Include three (3) credits in the Physical or Biological Sciences]	BIO 104 Introductory Biology w/lab**	DMACC	3	
Humanities (6 credits) [Must Include GEN/201 Foundations for University Success]	GEN/201 Foundations for University Success	UOPX	3	
	ART 101 Art Appreciation**	DMACC	3	
Social Science (6 credits)	ECN 120 Principles of Macroeconomics* (AAS Degree Core Social and Behavioral Science)	DMACC	3	
	PSY 111 Introduction to Psychology*	DMACC	3	
Liberal Arts (6 credits)	NET 402 Linux Network Administration*	DMACC	3	
	NET 315 Cloud Systems Administration*	DMACC	3	
Interdisciplinary (12 credits)	NET 182 IT and Security Fundamentals*	DMACC	3	
	NET 484 Netplus Certification*	DMACC	4	
	NET 193 Server Administration*	DMACC	3	
	NET 207 Applied Computer Security Lab*	DMACC	2	
Information Systems and Technology Electives (6 credits)++	CIS 303 Introduction to Database*	DMACC	3	
	NET 210 Cybersecurity Analyst*	DMACC	3	
Elective (18 credits)	<i>Lower Division Elective Credits Filled by Combined Credits From:</i> SDV 108, NET 373, CIS 161 – or - CIS 169 – or – CIS 171 – or – CIS 289, NET 179, NET 208, NET 377, NET 708, NET 932*		DMACC	18

*Course recommended or required to maximize transfer into UOPX based off Associate degree requirements to obtain an Associate in Applied Science Degree in Cybersecurity from Des Moines Area Community College.

**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

Bachelor of Science in Information Technology Degree Requirement	Recommended Courses	Institution	Credits
Information Systems Fundamentals+	<i>CSC 116 Information Computing**</i>	DMACC	3
Cyber Domain+	CYB/100 Cyber Domain	UOPX	3
Foundations of Security+	<i>NET 166 Applied Computer Security**</i>	DMACC	3
Algorithms and Logic for Computer Programming+	<i>CIS 125 Intro to Programming Logic w/*</i>	DMACC	3
Object-Oriented Scripting Language+	<i>CIS 189 Python*</i>	DMACC	3
Infrastructure Administration+	CYB/205 Infrastructure Administration	UOPX	3
Data Programming Languages+	<i>NET 202 Programming for Network Administrators**</i>	DMACC	3
Fundamentals of Networking	NTC/362 Fundamentals of Networking	UOPX	3
Data Structures for Problem Solving	DAT/305 Data Structures for Problem Solving	UOPX	3
Fundamentals of Business Systems Development	BSA/375 Fundamentals of Business Systems Development	UOPX	3
Intro to Software Engineering	BSA/385 Intro to Software Engineering	UOPX	3
Project Planning & Implementation	CMGT/410 Project Planning & Implementation	UOPX	3
BSIT Capstone	BSA/425 BSIT Capstone	UOPX	3
Upper Division Information Systems and Technology Electives	Upper Division Information Systems and Technology Electives	UOPX	12

Institutional Credit Breakdown

Minimum Credits Required for Associate in Applied Science Degree in Cybersecurity	70 Credits
Credits Utilized from Associate in Applied Science Degree in Cybersecurity	63 Credits
Recommended Credits Outside AAS Degree in Cybersecurity to Maximize Transfer	18 Credits
Total Credits Required to Complete Bachelor's Degree	120
Total Des Moines Area Community College Applied Credits	81
Required University of Phoenix Credits (30 Upper Division)	39

+ 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.