University of Phoenix®

Concurrent Enrollment Pathway Between Merritt College and University of Phoenix

Associate in Science Degree in Computer Science -Cybersecurity/Secure Software Development (Merritt 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]	ENGL 1A Composition and Reading – or - ENGL 1AS Composition and Reading with Support* (Area Four: Language and a. English Composition)	Merritt	3
	COMM 45 Public Speaking* (Area Four: Language and Rationality c. Oral or Written Communication, or Literature)	Merritt	3
Mathematics (6 credits) [Must Include six (6) credits of Quantitative Reasoning, Statistics, College Algebra or Calculus] [Math Proficiency Requirement]	MATH 3A Calculus I* (Area Four: Language and Rationality b. Mathematics)	Merritt	5
	MATH 3B Calculus II*	Merritt	1
Science and Technology (3 credits) [Must Include three (3) credits in the Physical or Biological Sciences]	PHYS 4A General Physics with Calculus* (Area One: Natural Sciences)	Merritt	3
Humanities (6 credits) [Must Include GEN/201 Foundations for University Success]	GEN/201 Foundations for University Success	UOPX	3
	Any three (3) credits from Area Three: Humanities that does not duplicate*	Merritt	3
Social Science (6 credits)	Any three (3) credits from Area Two: Social and Behavioral Sciences that does not duplicate*	Merritt	3
	Any three (3) credits from Area Two: Social and Behavioral Sciences that does not duplicate**	Merritt	3
Liberal Arts (6 credits)	PHYS 4A General Physics with Calculus* (Area One: Natural Sciences) (excess)	Merritt	2
	MATH 3B Calculus II* (excess)	Merritt	4
Interdisciplinary (12 credits)	CIS 78 Digital Architectures for Computation* (excess)	Merritt	1
	CIS 11 Discrete Structures and Logic*	Merritt	4
	CIS 33 Software Architectures and Algorithms*	Merritt	4
	CIS 57 Web Application PEN Testing*	Merritt	3
Information Systems and Technology Electives (6 credits)++	CIS 56 Secure Coding in Java and .NET*	Merritt	3
	CIS 78 Digital Architectures for Computation*	Merritt	3
Elective (18 credits)	*Lower Division Elective Credits Filled by Combined Credits From:* ENGL 1A - or - ENGL 1AS (excess), CIS 7 (excess)*	Merritt	2
	Any three (3) credits from Area Five: Ethnic Studies that does not duplicate*	Merritt	3
	Any College-level/Transferable coursework that does not duplicate**	Merritt	13

This transfer pathway guide used the following general education criteria: Associate Degree General Education Requirements

*Course recommended or required to maximize transfer into UOPX based off Associate degree requirements to obtain an Associate in Science Degree in Computer Science - Cybersecurity/Secure Software Development from Merritt 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+	*CIS 71 Introduction to Information Systems Security**	*Merritt*	*3*
Cyber Domain+	CYB/100 Cyber Domain	UOPX	3
Foundations of Security+	*CIS 59 Applications in Information Security**	*Merritt*	*3*
Algorithms and Logic for Computer Programming+	*CIS 7 Control Structures and Objects**	*Merritt*	*3*
Object-Oriented Scripting Language+	*CS 20 Python Application Programming* (Elective to reach Graduation requirement)*	*Merritt*	*3*
Infrastructure Administration+	*CIS 52 Cloud Security Fundamentals***	*Merritt*	*3*
Data Programming Languages+	DAT/210 Data Programming Languages	UOPX	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 AS in Computer Science -Cybersecurity/Secure Software Development	60 Credits
Credits Utilized from AS in Computer Science -Cybersecurity/Secure Software Development	62 Credits
Recommended Credits Outside AS in Comp. Sci-Cybersecurity/Secure Software Dev. to Maximize Transfer	19 Credits

Total Credits Required to Complete Bachelor's Degree   120

Total Merritt 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.

***identifies courses to be taken in a non-degree admission status prior to admission into the BSIT v010 program.

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.