



Transfer Pathway Between Middlesex College and University of Phoenix

Associate in Applied Science Degree in Computer and Information Systems (Middlesex College)

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
Communication Arts (6 credits) [Must Include three (3) credits of College Composition]	ENG 121 English Composition I*	Middlesex	3
	ENG 122 English Composition II*	Middlesex	3
Mathematics (6 credits) [Must Include six (6) credits of the University's mathematics acceptable coursework] [Math Proficiency Requirement]	MAT 129 Precalculus*	Middlesex	4
	MAT 131 Analytic Geometry and Calculus I*	Middlesex	2
Science and Technology (3 credits) [Must Include three (3) credits in the Physical or Biological Sciences]	Any three (3) credits from the Math, Science and Technology (GE MST): Science category listed in the Middlesex College General Education Electives that does not duplicate**	Middlesex	3
Humanities (6 credits) [Must Include GEN/201 Foundations for University Success]	GEN/201 Foundations for University Success	UOPX	3
	ART 123 Art History: Ancient to Renaissance* (Middlesex College General Education Electives: Humanities (GE HUM))	Middlesex	3
Social Science (6 credits)	Any three (3) credits from the Social Science (GE SS) category listed in the Middlesex College General Education Electives that does not duplicate*	Middlesex	3
	Any three (3) credits from the Social Science (GE SS) category listed in the Middlesex College General Education Electives that does not duplicate**	Middlesex	3
Liberal Arts (6 credits)	MAT 131 Analytic Geometry and Calculus I* (excess)	Middlesex	2
	CSC 241 Web Development II*	Middlesex	4
Interdisciplinary (12 credits)	CSC 105 Computer Applications and Systems – or – CSC 106 Intermediate PC Applications with Programming*	Middlesex	3
	CSC 245 LINUX/UNIX and Shell Programming*	Middlesex	3
	CSC 225 Systems Analysis and Design*	Middlesex	3
	CSC 239 Database Concepts*	Middlesex	3
Information Systems and Technology Electives (6 credits)++	CSC 125 Web Development I*	Middlesex	3
	CSC 200 Telecommunications and Networks*	Middlesex	3
Elective (18 credits)	<i>Lower Division Elective Credits Filled by Combined Credits From:</i> CSC 161 (excess), CSC 162 (excess), CSC 245 (excess), Any three (3) credits of Technical Electives listed in the AAS Computer and Information Systems degree requirement that doesn't duplicate*	Middlesex	6
	CSC 135 (excess)**	Middlesex	1
	Any College-level/Transferable coursework that does not duplicate**	Middlesex	11

*Course recommended or required to maximize transfer into UOPX based off Associate degree requirements to obtain an Associate in Applied Science Degree in Computer and Information Systems from Middlesex 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.

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UOPX Course of Study Requirements

Bachelor of Science in Information Technology Degree Requirement	Recommended Courses	Institution	Credits
Information Systems Fundamentals+	CSC 112 Introduction to Business Information Systems**	Middlesex	3
Cyber Domain+	CYB/100 Cyber Domain	UOPX	3
Foundations of Security+	CSC 116 Introduction to Information Systems Security*	Middlesex	3
Algorithms and Logic for Computer Programming+	CSC 161 Introduction to Computer Science Using Java*	Middlesex	3
Object-Oriented Scripting Language+	CSC 162 Object-Oriented Programming Using Java*	Middlesex	3
Infrastructure Administration+	CSC 252 Windows Server Administration* (Technical Elective)	Middlesex	3
Data Programming Languages+	CSC 135 Introduction to Programming Using Python**	Middlesex	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 Computer and Information Systems	60 Credits
Credits Utilized from Associate in Applied Science Degree in Computer and Information Systems	60 Credits
Recommended Credits Outside AAS Degree in Computer and Information Systems to Maximize Transfer	24 Credits

Total Credits Required to Complete Bachelor's Degree 120

Total Middlesex College Applied Credits	84
Required University of Phoenix Credits (30 Upper Division)	36

+ 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.

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