



# Transfer Pathway Between Long Beach City College and University of Phoenix

Associate in Science Degree in Information Technology Cybersecurity (Long Beach City 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
<b>Communication Arts (6 credits)</b> [Must Include three (3) credits of College Composition]	Any three (3) units from Area 1A from the IGETC Pattern (Plan C) that does not duplicate*	LBCC	4
	Any three (3) units from Area 1C from the IGETC Pattern (Plan C) that does not duplicate*	LBCC	2
<b>Mathematics (6 credits)</b> [Must Include six (6) credits of Quantitative Reasoning, Statistics, College Algebra or Calculus] [Math Proficiency Requirement]	Any three (3) units from Area 2 from the IGETC Pattern (Plan C) that does not duplicate**^	LBCC	3
	MATH 37 Finite Mathematics***^	LBCC	3
<b>Science and Technology (3 credits)</b> [Must Include three (3) credits in the Physical or Biological Sciences]	Any seven (7) units from Area 5 from the IGETC Pattern (Plan C) that does not duplicate*	LBCC	3
<b>Humanities (6 credits)</b> [Must Include GEN/201 Foundations for University Success]	GEN/201 Foundations for University Success	UOPX	3
	Any three (3) units from Area 3A: Arts from the IGETC Pattern (Plan C) that does not duplicate*	LBCC	3
<b>Social Science (6 credits)</b>	Any six (6) units from Area 4 from the IGETC Pattern (Plan C) that does not duplicate*	LBCC	6
<b>Liberal Arts (6 credits)</b>	Any three (3) units from Area 1B from the IGETC Pattern (Plan C) that does not duplicate*	LBCC	3
	Any three (3) units from Area 3B: Humanities from the IGETC Pattern (Plan C) that does not duplicate*	LBCC	3
<b>Interdisciplinary (12 credits)</b>	Any three (3) units from Area 3: Arts and Humanities that does not duplicate*	LBCC	3
	COSN 5 Computer Hardware Fundamentals*	LBCC	4
	COSN 205 UNIX/LINUX Fundamentals*	LBCC	4
	COSN 253 Security in Amazon Web Services*	LBCC	1
<b>Information Systems and Technology Electives (6 credits)++</b>	COSN 10 Networking Fundamentals*	LBCC	3
	COSN 206 Scripting Fundamentals*	LBCC	3
<b>Elective (18 credits)</b>	<i>Lower Division Elective Credits Filled by Combined Credits From:</i>		
	Any three (3) units from Area 1C from the IGETC Pattern (Plan C) that does not duplicate (excess), COSN 253 (excess), Any seven (7) units from Area 5 from the IGETC Pattern (Plan C) that does not duplicate* (excess)	LBCC	7
	COSS 272, COSS 273*	LBCC	7
	Any College-level/Transferable coursework that does not duplicate**	LBCC	4

This transfer pathway guide used the following general education criteria: IGETC Pattern (Plan C)

\*Course recommended or required to maximize transfer into UOPX based off Associate degree requirements to obtain an Associate in Science Degree in Information Technology Cybersecurity from Long Beach City 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.

^ This course requires a pre-requisite per the issuing institution's catalog. The pre-requisite for this course is not represented on the pathway form

++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
<b>Information Systems Fundamentals+</b>	CIS/207 Information Systems Fundamentals	UOPX	3
<b>Cyber Domain+</b>	CYB/100 Cyber Domain	UOPX	3
<b>Foundations of Security+</b>	<i>COSS 71 Network Security Fundamentals*</i>	<i>LBCC</i>	<b>3</b>
<b>Algorithms and Logic for Computer Programming+</b>	<i>CS 22 Data Structures and Algorithms**</i>	<i>LBCC</i>	<b>3</b>
<b>Object-Oriented Scripting Language+</b>	<i>CS 31 Introduction to Computer Science-Python**</i>	<i>LBCC</i>	<b>3</b>
<b>Infrastructure Administration+</b>	CYB/205 Infrastructure Administration	UOPX	3
<b>Data Programming Languages+</b>	<i>CS 21 Introduction to Computer Science-Java**</i>	<i>LBCC</i>	<b>3</b>
<b>Fundamentals of Networking</b>	NTC/362 Fundamentals of Networking	UOPX	<b>3</b>
<b>Data Structures for Problem Solving</b>	DAT/305 Data Structures for Problem Solving	UOPX	<b>3</b>
<b>Fundamentals of Business Systems Development</b>	BSA/375 Fundamentals of Business Systems Development	UOPX	<b>3</b>
<b>Intro to Software Engineering</b>	BSA/385 Intro to Software Engineering	UOPX	<b>3</b>
<b>Project Planning &amp; Implementation</b>	CMGT/410 Project Planning & Implementation	UOPX	<b>3</b>
<b>BSIT Capstone</b>	BSA/425 BSIT Capstone	UOPX	<b>3</b>
<b>Upper Division Information Systems and Technology Electives</b>	Upper Division Information Systems and Technology Electives	UOPX	<b>12</b>

### Institutional Credit Breakdown

Minimum Credits Required for Associate in Science Degree in Information Technology Cybersecurity	60 Credits
Credits Utilized from Associate in Science Degree in Information Technology Cybersecurity	62 Credits
Recommended Credits Outside AS Degree in Information Technology Cybersecurity to Maximize Transfer	16 Credits

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

<b>Total Long Beach City College Applied Credits</b>	<b>78</b>
<b>Required University of Phoenix Credits (30 Upper Division)</b>	<b>42</b>

+ 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.