



Transfer Pathway Between Houston Community College System and University of Phoenix

Associate of Applied Science Degree in Artificial Intelligence (Houston Community College System)
2020-2021 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 3 credits of College Composition]	ENGL 1301 Composition I*	HCCS	3
	SPCH 1315 Public Speaking**	HCCS	3
Mathematics (6 credits) [Must Include 6 credits of Quantitative Reasoning, Statistics or College Algebra or higher]	MATH 1314 College Algebra*	HCCS	3
	MATH 1324 Mathematics for Business & Social Sciences**	HCCS	3
Science and Technology (3 credits) [Must Include 3 credits in the Physical or Biological Sciences]	BIOL 1308 Biology for Non-Science Majors I (Lecture)* (General Education Elective)	HCCS	3
Humanities (6 credits)	GEN/201 Foundations for University Success	UOPX	3
	PHIL 1301 Introduction to Philosophy*	HCCS	3
Social Science (6 credits)	HIST 1301 United States History I* (Humanities/Fine Arts Elective)	HCCS	3
	SOCI 1301 Introduction to Sociology**	HCCS	3
Liberal Arts (6 credits)	ITAI 1372 Artificial Intelligence (A.I.) in Cybersecurity*	HCCS	3
	ITSC 1316 LINUX Installation and Configuration*	HCCS	3
Interdisciplinary (12 credits)	EDUC 1300 Learning Framework*	HCCS	3
	ITAI 1378 Computer Vision for Artificial Intelligence (A.I.)*	HCCS	3
	ITNW 1313 Computer Virtualization*	HCCS	3
	ITAI 2374 Robot Operating System & Platforms in Artificial Intelligence (A.I.)*	HCCS	3
Information Systems and Technology Electives (6 credits)++	ITAI 1370 Artificial Intelligence (A.I.) History, Theory, and Platforms*	HCCS	3
	ITAI 1371 Introduction to Machine Learning*	HCCS	3
Elective (18 credits)	<i>Lower Division Elective Credits Filled by Combined Credits From:</i>		
	COSC 1436 Programming Fundamentals I* (excess)	HCCS	1
	ITAI 2373 Natural Language Processing (NLP)*	HCCS	3
	ITAI 2372 Artificial Intelligence (A.I.) Applications & Case Histories*	HCCS	3
	ITSE 1346 Database Theory and Design*	HCCS	3
	ITAI 2377 Data Science in Artificial Intelligence (A.I.)*	HCCS	3
	ITAI 2376 Deep Learning in Artificial Intelligence (A.I.)*	HCCS	3
ITAI 2275 – or – ITAI 2277*	HCCS	2	

*Course recommended or required to maximize transfer into UOPX based off Associate degree requirements to obtain an Associate of Applied Science Degree in Artificial Intelligence from Houston Community College System.

**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>ITSC 1301 Introduction to Computers**</i>	HCCS	3
Cyber Domain+	<i>ITSY 1342 Information Technology Security**</i>	HCCS	3
Foundations of Security+	<i>ITSY 2401 Firewalls and Network Security**</i>	HCCS	3
Algorithms and Logic for Computer Programming+	<i>COSC 1436 Programming Fundamentals I*</i>	HCCS	3
Object-Oriented Scripting Language+	<i>COSC 1437 Programming Fundamentals II**</i>	HCCS	3
Infrastructure Administration+	<i>ITSE 2473 Cloud Computing I-Solutions Architect**</i>	HCCS	3
Data Programming Languages+	<i>INEW 2438 Advanced Java Programming**</i>	HCCS	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 of Applied Science Degree in Artificial Intelligence	60 Credits
Credits Utilized from Associate of Applied Science Degree in Artificial Intelligence	60 Credits
Recommended Credits Outside AAS Degree in Artificial Intelligence to Maximize Transfer	27 Credits

Total Credits Required to Complete Bachelor's Degree	120
Total Houston Community College System 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.