

## Transfer Degree Map: Blinn College to University of Houston-Victoria

This program is based on the 2020-2021 UHV Catalog with Academic Requirements effect 24 August 2021.

Transfer Map for Associate of Science in Computer Science to Bachelor of Science in Computer Science

First Year - Freshman							
First Semester				Second Semester			
BLINN	UHV	Course Name	Hrs	BLINN	UHV	Course Name	Hrs
COSC 1436	COSC 1336/1136	Programming Fundamentals I	4	COSC 1437	COSC 1337/1137	Programming Fundamentals II	4
MATH 2413	MATH 2413	Calculus I	4	MATH 2414	MATH 2414	Calculus II	4
ENGL 1301	(Core 10)	English Composition I	3	ENGL 1302	(Core 10)	English Composition II	3
SPCH 1315	(Core 90)	Public Speaking	3	HIST 1301	(Core 60)	United States History I	3
PHED 1164		Introduction to Physical Fitness and Wellness	1				
<b>Total</b>				<b>Total</b>			
15				14			
Summer Session							
HIST 1302*	(Core 60)	United States History II	3	GOVT 2305*	(Core 70)	American Government (Federal)	3
<b>Total</b>				<b>Total</b>			
3				3			
Second Year - Sophomore							
First Semester				Second Semester			
BLINN	UHV	Course Name	Hrs	BLINN	UHV	Course Name	Hrs
COSC 2436	LD/UD Elective	Programming Fundamentals III	4	COSC 2425	LD/UD Elective	Computer Organization	4
MATH 2305	(Core 20) or may qualify for MATH 3362	Discrete Mathematics	3	PHYS 2326	(Core 30)	University Physics II (Lecture)	3
PHYS 2325	(Core 30)	University Physics I (Lecture)	3	PHYS 2126	(Core 30)	University Physics II (Lab)	1
PHYS 2125	(Core 30)	University Physics I (Lab)	1	PHIL 2306	(Core 40)	Introduction to Ethics	3
GOVT 2306	(Core 70)	American Government (State)	3	Creative Arts	(Core 50)	Art, Drama, Music, Dance, Photography, or any other course in the Visual or Performing Arts	3
				Social and Behavioral Sciences	(Core 80)	ANTH, ECON, GEOG, PSYC, CRIJ or SOCI	3
<b>Total</b>				<b>Total</b>			
14				17			
Summer Session							
Apply for Graduation at Blinn College							
Natural Sciences**	BS COSC Program Req	Biology or any other science major course	3		ENGL 3430**	Professional Writing	4
COSC 1301*	(Core 90)	<i>Course may no longer be a BS program requirement at UHV. Please check with your advisor prior to transferring.</i>	3				
<b>Total</b>				<b>Total</b>			
6				4			
Third Year - Junior							
First Semester				Second Semester			
UHV		Course Name	Hrs	UHV		Course Name	Hrs
COSC 3331***		Data Structures and Algorithms I	3	COSC 3333		Data Structures and Algorithms II	3
COSC 3332***		Computer Organization and Architecture	3	COSC 3335		Introduction to Theory of Computation	3
COSC 3317		Object Oriented Programming and Design	3	MATH 3362***		Discrete Structures	3
MATH 3361		Linear Algebra	3	UD COSC or UD MATH elective (1 of 3)		(Excluding COSC 3325 & 4305)	3
<b>Total</b>				<b>Total</b>			
12				12			

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Summer Session					
MATH 3391	Probability and Statistics	3	UD COSC or UD MATH elective (2 of 3)	(Excluding COSC 3325 & 4305)	3
Total			3	Total	
				3	
Fourth Year - Senior					
First Semester			Second Semester		
UHV	Course Name	Hrs	UHV	Course Name	Hrs
COSC 4320	Software Engineering	3	COSC 4360	Senior Project	3
COSC 4331	Structure and Programming Languages	3	COSC 4350	Information Security, Privacy, and Ethics	3
COSC 4336	Database Systems	3	COSC 4337	Operating Systems	3
UD COSC or UD MATH elective (3 of 3)	(Excluding COSC 3325 & 4305)	3	COSC 4339	Telecommunications and Networks	3
Total			12	Total	
				12	
Apply for UHV Graduation – Bachelor of Science in Computer Science Degree					

*\*Classes listed are for students seeking to transfer to University of Houston-Victoria.*

*\*\*Student may co-enroll at Blinn College and UHV and use financial aid assistance with the completion of a consortium agreement form. Students looking to co-enroll must notify their academic advisors at both institutions. Degree plan was designed for co-enrollment to complete the degree requirements by completing any needed lower-division courses at Blinn College and upper-division courses at UHV. Some lower-division courses may be offered by UHV at Blinn College campuses.*

*\*\*\*Students who may have taken courses that are equivalent to these courses in content at Blinn College may replace these courses with other COSC courses. Academic Advisor will assist in determining waivers and course options.*

### Notes/Comments (Bachelor of Science in Computer Science): 120

*Computer Science and Math majors must receive a grade of C or higher in all COSC, GMNG and MATH courses, including prerequisites. Any course in which a student receives a D, F, or W, must be repeated. No grades transferred of D, F, or W in these subjects will apply to this academic plan.*

**Core Curriculum Requirements:** 42 Credit Hours

**Computer Science Major Concentration Requirements:** 39 – COSC 3332, COSC 3335, COSC 4320, COSC 4336, COSC 4337, COSC 4331, COSC 4350, MATH 3391, MATH 3361, COSC 4360 and 9 hours of upper-division COSC or MATH electives excluding COSC 3325 & 4305.