

Transfer Degree Map: Blinn College District 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 Mathematics to Bachelor of Science in Mathematics

First Year - Freshman							
First Semester				Second Semester			
BLINN	UHV	Course Name	Hrs	BLINN	UHV	Course Name	Hrs
MATH 2413	MATH 2413	Calculus I	4	MATH 2414	MATH 2414	Calculus II	4
COSC 1436	COSC 1336/1136	Programming Fundamentals I	4	ENGL 1302	(Core 10)	English Composition II	3
ENGL 1301	(Core 10)	English Composition I	3	GOVT 2305	(Core 70)	American Government	3
SPCH 1311	(Core 90)	Introduction to Speech Communication	3	HIST 1301	(Core 60)	United States History I	3
				Creative Arts Core	(Core 50)	Creative Arts Core Curriculum Elective	3
Total			14	Total			16

Second Year - Sophomore							
First Semester				Second Semester			
BLINN	UHV	Course Name	Hrs	BLINN	UHV	Course Name	Hrs
MATH 2415	MATH 2415	Calculus III	4	MATH 2318	(Core 20)	Linear Algebra	3
PHYS 2325	(Core 30)	University Physics I	3	MATH 2320	LD/UD Elective (1)	Differential Equations	3
PHYS 2125	(Core 30 Lab)	University Physics I Lab	1	ECON 2302	(Core 80)	Principles of Microeconomics	3
GOVT 2306	(Core 70)	Texas Government	3	PHIL 1301	(Core 40)	Introduction to Philosophy	3
HIST 1302	(Core 60)	United States History II	3	LPS Core	(Core 30)	Life & Physical Science Core Curriculum Elective	3
PHED 1164		Introduction to Physical Fitness & Wellness	1				
Total			15	Total			15

Apply for Summer Graduation at Blinn College

Optional Summer Session

COSC 1301*	(Core 90)	Intro to Computer Programming	3				
Total			3	Total			

Third Year - Junior							
First Semester				Second Semester			
BLINN	UHV	Course Name	Hrs		UHV	Course Name	Hrs
LPS Core**	LPS with Lab	Life and Physical Science with Lab	4		ENGL 3430	Professional Writing	4
COSC 1437**	COSC 1337/1137	Programming Fundamentals II	4		MATH 3365	Introduction to Mathematical Proofs	3
	MATH 3347 or MATH 4310	Operations Research <i>(even year)</i> or Fundamental Concepts of Analysis <i>(odd year)</i>	3		MATH 4311 or MATH 3357	Modern Algebra <i>(even year)</i> or Introduction to Higher Geometry <i>(odd years)</i>	3
	UD COSC or MATH (1) or MATH 4378	Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis <i>(odd year)</i>	3		MATH 3361	Linear Algebra	3
Total			14	Total			13

Optional Summer Session

	MATH 3362	Discrete Structures <i>(Summer & Fall only)</i>	3		MATH 3343	History of Mathematics (elective) <i>(Summer only)</i>	3
Total			3	Total			3

Fourth Year - Senior							
First Semester				Second Semester			
	UHV	Course Name	Hrs		UHV	Course Name	Hrs
	LD/UD Elective (2)	Lower-Division or Upper-Division Elective	3		MATH 4311 or MATH 3357	Modern Algebra <i>(even year)</i> or Introduction to Higher Geometry <i>(odd years)</i>	3
	UD COSC or MATH (1) or MATH 4378	Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis <i>(odd year)</i>	3		MATH 4391	Probability & Statistics II	3

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	MATH 3347 or MATH 4310	Operations Research <i>(even year)</i> or Fundamental Concepts of Analysis <i>(odd year)</i>	3		LD/UD Elective (3)	Lower-Division or Upper- Division Elective	3
	MATH 3391	Probability & Statistics I	3		LD/UD Elective (4)	Lower-Division or Upper- Division Elective	3
	UD COSC or MATH (2)	Upper-Division Math or Computer Science Courses by Advisement	3		UD COSC or MATH (3)	Upper-Division Math or Computer Science Courses by Advisement	3
Total			15				15
Apply for Graduation at UHV – Bachelor of Science in Mathematics							

**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.*

Notes/Comments (Bachelor of Science in Mathematics): 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

Mathematics Upper-Division Requirements: 21 – MATH 3347, 3361, 3391, 4310, 4378, 4391, 4311

Mathematics UD Specialization Requirements: 18 – MATH 3365, MATH 3362, MATH 3357, plus 9 credits of COSC or MATH credits

Free Electives Requirements: 12 Credit Hours of lower-division (LD) or upper-division (UD) credits