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	3	HIST 1301	(Core 60)	United States History I	3					
		Communication		Creative	(Corro 50)	Creative Arts Care Currievlure	2					
				Arts Core	(Core 50)	Elective	3					
Total			14	Total			16					
		(coordinate of the second s	1	Carela a real a real								
Second Year - Sophomore												
	First Ser	nester			Second Se	mester						
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					
GUVI 2300 HIST 1302	(Core 60)	Lipited States History II	3	PHIL 1301	(Core 30)	Life & Physical Science Core	3					
11131 1302		officed states fistory fi	5		(2012 30)	Curriculum Elective	5					
PHED 1164		Introduction to Physical Fitness &	1									
		Wellness										
Total			15	Total			15					
		Apply for Summe	er Grad	luation at Bl	inn College							
		Option	al Sur	nmer Session								
COSC 1301*	(Core 90)	Intro to Computer Programming	3									
Total			3	Total								
		Thi	rd Yea	ar - Junior								
	First Ser	Thi mester	rd Yea	ar - Junior	Second Se	mester						
BLINN	First Ser UHV	Thi mester Course Name	rd Yea	ar - Junior	Second Se	mester Course Name	Hrs					
BLINN LPS Core**	First Ser UHV LPS with Lab	Thi mester Course Name Life and Physical Science with Lab	rd Yea Hrs 4	ar - Junior	Second Se UHV ENGL 3430	mester Course Name Professional Writing	Hrs 4					
BLINN LPS Core** COSC	First Ser UHV LPS with Lab COSC 1337/1137	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II	rd Yea Hrs 4 4	ar - Junior	Second Se UHV ENGL 3430 MATH 3365	Professional Writing Introduction to Mathematical	Hrs 4 3					
BLINN LPS Core** COSC 1437**	First Ser UHV LPS with Lab COSC 1337/1137	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II	rd Yea Hrs 4 4	ar - Junior	Second Se UHV ENGL 3430 MATH 3365	mester Course Name Professional Writing Introduction to Mathematical Proofs	Hrs 4 3					
BLINN LPS Core** COSC 1437**	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year)	rd Yea Hrs 4 4 3	ar - Junior	Second Se UHV ENGL 3430 MATH 3365 MATH 4311	Professional Writing Introduction to Mathematical Proofs Modern Algebra <i>(even year)</i> or	Hrs 4 3 3					
BLINN LPS Core** COSC 1437**	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research <i>(even year)</i> or Fundamental Concepts of	Hrs 4 4 3	ar - Junior	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or	Professional Writing Introduction to Mathematical Proofs Modern Algebra <i>(even year)</i> or Introduction to Higher	Hrs 4 3 3					
BLINN LPS Core** COSC 1437**	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year)	rd Yea Hrs 4 4 3	ar - Junior	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3251	mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra (even year) or Introduction to Higher Geometry (odd years)	Hrs 4 3 3					
BLINN LPS Core** COSC 1437**	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or	rd Yea Hrs 4 4 3 3	ar - Junior	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361	Course NameProfessional WritingIntroduction to MathematicalProofsModern Algebra (even year) orIntroduction to HigherGeometry (odd years)Linear Algebra	Hrs 4 3 3 3					
BLINN LPS Core** COSC 1437**	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or MATH 4378	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (odd year)	rd Yea Hrs 4 4 3 3	ar - Junior	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361	Course NameProfessional WritingIntroduction to MathematicalProofsModern Algebra (even year) orIntroduction to HigherGeometry (odd years)Linear Algebra	Hrs 4 3 3 3					
BLINN LPS Core** COSC 1437**	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or MATH 4378	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (odd year)	rd Yea Hrs 4 3 3 14	ar - Junior	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361	mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Linear Algebra	Hrs 4 3 3 3 3 13					
BLINN LPS Core** COSC 1437**	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or MATH 4378	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (odd year)	Hrs 4 4 3 3 14 adl Sur	Total	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361	mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Linear Algebra	Hrs 4 3 3 3 3 13					
BLINN LPS Core** COSC 1437**	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or MATH 4378 MATH 4378	Thi mester <u>Course Name</u> Life and Physical Science with Lab Programming Fundamentals II Operations Research (<i>even year</i>) or Fundamental Concepts of Analysis (<i>odd year</i>) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (<i>odd year</i>) <u>Optior</u> Discrete Structures (Summer & Fall	Hrs 4 4 3 3 14 ad Sur 3	Total	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361	mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra <i>(even year)</i> or Introduction to Higher Geometry <i>(odd years)</i> Linear Algebra History of Mathematics	Hrs 4 3 3 3 3 13					
BLINN LPS Core** COSC 1437**	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or MATH 4378 MATH 3362	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (odd year) Optior Discrete Structures (Summer & Fall only)	Hrs 4 4 3 3 14 adl Sur 3	Total	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361	mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Linear Algebra History of Mathematics (elective) (Summer only)	Hrs 4 3 3 3 3 13 3					
BLINN LPS Core** COSC 1437** Total	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH 4310 UD COSC or MATH (1) or MATH 4378 MATH 3362	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (odd year) Option Discrete Structures (Summer & Fall only)	Hrs 4 4 4 3 3 14 3 3 3 13 3 3 3 3 3 3 3 3 3	Total Total	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361 MATH 3343	mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Linear Algebra History of Mathematics (elective) (Summer only)	Hrs 4 3 3 3 3 3 13 3 3 3 3					
BLINN LPS Core** COSC 1437** Total	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or MATH 4378 MATH 3362	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (odd year) Optior Discrete Structures (Summer & Fall only)	Hrs 4 4 3 3 14 a 3 3 3 3 3 3 3 3	Total Total Total	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361 MATH 3343	mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Linear Algebra History of Mathematics (elective) (Summer only)	Hrs 4 3 3 3 3 3 13 3 3 3 3					
BLINN LPS Core** COSC 1437** Total	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or MATH (1) or MATH 4378 MATH 3362	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (odd year) Option Discrete Structures (Summer & Fall only)	rd Yea Hrs 4 4 3 3 3 14 ad Sur 3 3 rth Ye	Total mmer Session Total ar - Senior	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361 MATH 3343	Mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Linear Algebra History of Mathematics (elective) (Summer only)	Hrs 4 3 3 3 3 3 13 3 3 3 3					
BLINN LPS Core** COSC 1437** Total	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or MATH 4378 MATH 4378 MATH 3362	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (odd year) Option Discrete Structures (Summer & Fall only) Fou	rd Yea Hrs 4 4 3 3 14 al Sur 3 srth Ye	Total Total Total Total Total ar - Senior	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361 MATH 3343 MATH 3343	mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Linear Algebra History of Mathematics (elective) (Summer only)	Hrs 4 3 3 3 3 13 3 3 3					
BLINN LPS Core** COSC 1437** Total	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or MATH (1) or MATH 4378 MATH 3362 First Ser UHV	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (odd year) Option Discrete Structures (Summer & Fall only) Fou mester Course Name	rd Yea Hrs 4 4 3 3 3 14 al Sur 3 rth Ye Hrs	Total mmer Session Total ar - Senior	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361 MATH 3361 MATH 3343 MATH 3343	mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Linear Algebra History of Mathematics (elective) (Summer only) mester Course Name	Hrs 4 3 3 3 3 3 13 3 3 3 3 4 3					
BLINN LPS Core** COSC 1437** Total	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or MATH (1) or MATH 4378 MATH 3362 First Ser UHV LD/UD Elective	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (odd year) Optior Discrete Structures (Summer & Fall only) Fou mester Lower-Division or Upper-Division	rd Yea Hrs 4 4 3 3 3 14 ad Sur 3 rth Ye Hrs 3	Total Total Total Total ar - Senior	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361 MATH 3361 MATH 3343 Second Se UHV MATH 4311	mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Linear Algebra History of Mathematics (elective) (Summer only) mester Course Name Modern Algebra (even year) or	Hrs 4 3 3 3 3 4 13 3 3 3 3 4 13 5 4 13 3 3 3 13 3 3 3 3 3 13 13 13 13 13 13					
BLINN LPS Core** COSC 1437** Total	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or MATH (1) or MATH 4378 MATH 3362 First Ser UHV LD/UD Elective (2)	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (odd year) Option Discrete Structures (Summer & Fall only) Four mester Course Name Lower-Division or Upper-Division Elective	rd Yea Hrs 4 4 3 3 3 14 ad Sur 3 rth Ye Hrs 3	Total mmer Session Total ar - Senior	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361 MATH 3361 MATH 3343 MATH 3343 MATH 4311 or MATH 4311 or	mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Linear Algebra History of Mathematics (elective) (Summer only) mester Course Name Modern Algebra (even year) or Introduction to Higher	Hrs 4 3 3 3 3 3 13 3 3 3 4 13 13 13 13 13 13 13 13 13 13 13 13 13					
BLINN LPS Core** COSC 1437** Total	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or MATH (1) or MATH 4378 MATH 3362 First Ser UHV LD/UD Elective (2)	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (odd year) Option Discrete Structures (Summer & Fall only) Fou mester Lower-Division or Upper-Division Elective	rd Yea Hrs 4 4 3 3 14 al Sur 3 rth Ye Hrs 3	Total mmer Session Total ar - Senior	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361 MATH 3343 MATH 3343 MATH 4311 or MATH 4311 or MATH 4311	mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Linear Algebra History of Mathematics (elective) (Summer only) mester Course Name Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Drobability & Statistics II	Hrs 4 3 3 3 3 13 3 3 3 3 4 13 3 3 3 13 3 3 3					
BLINN LPS Core** COSC 1437** Total Total	First Ser UHV LPS with Lab COSC 1337/1137 MATH 3347 or MATH 4310 UD COSC or MATH (1) or MATH 4378 MATH 3362 First Ser UHV LD/UD Elective (2) UD COSC or MATH (1) or	Thi mester Course Name Life and Physical Science with Lab Programming Fundamentals II Operations Research (even year) or Fundamental Concepts of Analysis (odd year) Upper-Division Math or Computer Science Courses by Advisement or Numerical Analysis (odd year) Option Discrete Structures (Summer & Fall only) Fou mester Course Name Lower-Division or Upper-Division Elective Upper-Division Math or Computer Science Courses by Advisement or	rd Yea Hrs 4 4 3 3 14 0 al Sur 3 rth Ye Hrs 3 3	Total mmer Session Total ar - Senior	Second Se UHV ENGL 3430 MATH 3365 MATH 4311 or MATH 3357 MATH 3361 MATH 3343 MATH 3343 Second Se UHV MATH 4311 or MATH 4311 or MATH 4391	mester Course Name Professional Writing Introduction to Mathematical Proofs Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Linear Algebra History of Mathematics (elective) (Summer only) mester Course Name Modern Algebra (even year) or Introduction to Higher Geometry (odd years) Probability & Statistics II	Hrs 4 3 3 3 3 4 3 3 3 3 4 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7					

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

	MATH 3347	Operations Research (even year)	3		LD/UD Elective (3)	Lower-Division or Upper-	3				
	or	or Fundamental Concepts of				Division Elective					
	MATH 4310	Analysis (odd year)									
	MATH 3391	Probability & Statistics I	3		LD/UD Elective (4)	Lower-Division or Upper-	3				
						Division Elective					
	UD COSC or	Upper-Division Math or Computer	3		UD COSC or	Upper-Division Math or	3				
	MATH (2)	Science Courses by Advisement			MATH (3)	Computer Science Courses by					
						Advisement					
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