Transfer Degree Map: HCC Associate of Arts to University of Houston-Downtown
Bachelor of Arts in Mathematics

4 – Year Suggested Academic Plan for Transfer
*Based on UHD Catalog year of 2021-2022 Note: There may be some minor changes in courses due to recently approved course updates.

First Year - Freshman

Fall Semester				Spring Semester			
HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
EDUC 1300	Elective	Learning Framework	3	CHEM 1412	CHEM 1308	General Chemistry II	4
ENGL 1301	ENGL 1301	Composition I	3	HIST 1301	HIST 1305	United States History to 1877	3
MATH 2412	MATH 1404	Pre-Calculus Math	4	MATH 2413	MATH 2401	Fundamentals of Calculus with Applications	4
CHEM 1411	CHEM 1307	General Chemistry I	4	ENGL 1302	ENG 1302	Composition II	3
				PHIL 2306	Language, Philosophy & Culture	Language, Philosophy and Culture UHD Course Options	3
Total			14	Total			17

Summer Session							
SPCH Elective	(core 010)	Choose from HCC core curriculum	3				
Total			3	Total			

Fall Semester				Spring Semester			
HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
GOVT 2305	POLS 2305	Federal Government	3	MATH 2415	MATH 2403	Calculus III	4
PHYS 2325	PHYS 2401	University Physics I	3	GOVT 2306	POLS 2306	Texas Government	3
PHYS 2125	PHYS 2101	University Physics Laboratory I	1	PHYS 2326	PHYS 2402	University Physics II	3
MATH 2414	MATH 2402	Calculus II	4	PHYS 2126	PHYS 2102	University Physics Laboratory II	1
Creative Arts	Creative Arts	Creative Arts UHD Course Options	3	Elective	Elective	Social & Behavioral Science	3
				HIST 1302	HIST 1306	United States History after 1877	3
Total			14	Total			17

Third Year - Junior

Fall Semester				Spring Semester			
	MATH 2409	Introduction to Proofs	4		MATH 3307	Analysis I	3
	MATH 3302	Probability and Statistics	3		MATH elective	4000 level MATH – see catalog	3
	MATH 3408	Numerical Methods	4		MATH 3306	Introduction to Modern Algebra	3
	Minor	See options below – note (3)	3		Minor	See options below – note (3)	3
					Minor	See options below – note (3)	3
Total			14	Total			15

Fourth Year – Senior

Fall Semester				Spring Semester			
HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
	MATH elective	2000-4000 level MATH – see catalog	3		MATH elective	4000 level MATH – see catalog	3
	MATH 4395	Senior Project in Mathematics	3		MATH elective	2000-4000 level MATH – see catalog	3
	Minor	See options below – note (3)	3		Free Elective	Free Elective (if needed)	3
	Minor	See options below – note (3)	3		Free Elective	Free Elective (if needed)	3
	Free Elective	Free Elective (if needed)	3		Free Elective	Free Elective (if needed)	3
Total			15	Total			15

Notes/Comments:

(1) EDUC 1300 is required for First Time in College (FTIC) students only. If not FTIC, take SPCH. FTIC students must also complete SPCH.

(2) Students may be placed in MATH 2413 through placement testing OR by completing all MATH prerequisites (MATH 1314, 1316, and 2412). Student should consult with an advisor regarding placement testing.

(3) Any university approved Teaching Certification or minor from the College of Business, College of Humanities and Social Sciences, or College of Public Service.

*Based on UHD & HCC Catalog Year of 2018-2019. Note: There may be some minor changes in courses due to recently approved course updates.

Transfer of Credit & Student Benefits

- Credits from HCC that are transferrable to UHD degree programs may be specified in any program-to-program articulation agreement.
- Reverse transfer
- HCC students will be allowed access to academic advising services at UHD
- HCC Honors students admitted to UHD will receive:
  - Acceptance to UHD Honors Program with a minimum GPA (GPA varies by the College in which the program resides)
  - UHD will accept a minimum of 12 hours of transfer Honors credit; eligible for merit and need-based aid commensurate with qualifications

Standard Agreement & P2P Agreement
(Associate of Arts to Bachelor of Arts in Mathematics)

Program Admission Requirements

- Transfer Admission Criteria (15 or more earned college-level credit hours)2.0 GPA
- Student must be in Good Academic Standing at last institution attended
- For a course taken more than once, the highest grade will be transferred

Program Specific Requirements

- The BA in Mathematics at UHD is a 120 credit hour degree program.
- All degree candidates must have a 2.0 GPA average and a grade of "C" or better in all mathematics and statistics course work.
- An 18- hour minor outside of the College of Science and Technology is required for this degree.