



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



### 4 – Year Suggested Academic Plan for Transfer

#### First Year - Freshman

First Year - Freshman							
Fall Semester				Spring Semester			
HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
EDUC 1300	Electiv e	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
MATH2412	MATH 1404	Pre-Calculus Math	4	MATH2413	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
<b>Total</b>			<b>14</b>	<b>Total</b>			<b>17</b>
Summer Session							
SPCH Electiv e	(core 010)	Choose from HCC core curriculum	3				
<b>Total</b>			<b>3</b>	<b>Total</b>			

#### Fall Semester

#### Spring Semester

HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
GOVT 2305	POLS 2305	Federal Government	3	MATH2415	MATH 2403	Calculus III	4
PHYS 2325	PHYS 2401	Univ ersity Physics I	3	GOVT 2306	POLS 2306	Texas Government	3
PHYS 2125	PHYS 2101	Univ ersity Physics Laboratory I	1	PHYS 2326	PHYS 2402	Univ ersity Physics II	3
MATH2414	MATH 2402	Calculus II	4	PHYS 2126	PHYS 2102	Univ ersity Physics Laboratory II	1
Creativ e Arts	Creativ e Arts	Creativ e Arts UHD Course Options	3	Electiv e	Electiv e	Social & Behav ioral Science	3
				HIST 1302	HIST 1306	United States History after 1877	3
<b>Total</b>			<b>14</b>	<b>Total</b>			<b>17</b>

#### Third Year - Junior

#### Fall Semester

#### Spring Semester

	MATH 2409	Introduction to Proofs	4		MATH 3307	Anal ysis I	3
	MATH 3302	Probability and Statistics	3		MATH electiv e	4000 lev el 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
<b>Total</b>			<b>14</b>	<b>Total</b>			<b>15</b>

#### Fourth Year – Senior

#### Fall Semester

#### Spring Semester

HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
	MATH electiv e	2000-4000 lev el MATH – see catalog	3		MATH electiv e	4000 lev el MATH – see catalog	3
	MATH 4395	Senior Project in Mathematics	3		MATH electiv e	2000-4000 lev el MATH – see catalog	3
	Minor	See options below – note (3)	3		Free Electiv e	Free Electiv e (if needed)	3
	Minor	See options below – note (3)	3		Free Electiv e	Free Electiv e (if needed)	3
	Free Electiv e	Free Electiv e (if needed)	3		Free Electiv e	Free Electiv e (if needed)	3
<b>Total</b>			<b>15</b>	<b>Total</b>			<b>15</b>

#### 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.

# Articulation Agreement Information – Standard and Program to Program (P2P)

## 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

## Optional Partnership

- Joint Admission provides students the opportunity to maximize utilization of facilities and programs offered jointly by HCC and UHD:
  - Student ID at HCC and UHD
  - Student computer/internet account, access to computer labs and access to libraries at HCC and UHD
  - Student access to sporting events at UHD
  - Free electronic transfer transcript transmission/evaluation
  - Application fees will be waived for HCC students who apply to UHD within 6 months of earning an Associate's degree.
- Cooperative Advising allows students to access embedded advisors at both institutions for students who are:
  - Admitted (either through regular or joint admissions) at UHD
  - All HCC students with an expressed interest in transferring to UHD
  - Advising for all degree programs at UHD
- Employee discount provides HCC employees an opportunity to apply discounts or waive fees at UHD:
  - Application fee will be waived for HCC employees
  - Recognize the eligibility of HCC employees to apply for scholarship programs.

## **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.