

## Transfer Degree Map: LSC Associate of Science to University of Houston-Downtown Bachelor of Science in Mathematics

### 4 – Year Suggested Academic Plan for Transfer

#### First Year - Freshman

First Year - Freshman							
Fall Semester				Spring Semester			
LSC	UHD	Course Name	Hrs	LSC	UHD	Course Name	Hrs
EDUC 1300 (1)	Seminar	Learning Frameworks: 1 <sup>st</sup> Year Exp.	3	ENGL 1302	ENG 1302	Composition & Rhetoric II	3
ENGL 1301	ENG 1301	Composition & Rhetoric I	3	HIST 1302	HIST 1306	US History since 1877	3
HIST 1301	HIST 1305	US History to 1877	3	MATH 2414	MATH 2402	Calculus II	4
MATH 2413 (2)	MATH 2401	Calculus I	4	Life & Phys. Sci.	(Core 030)	Choose from LSC Core Curriculum	4
Life & Phys. Sci.	(Core 030)	Choose from LSC Core Curriculum	4				
<b>Total</b>			<b>17</b>	<b>Total</b>			<b>14</b>

#### Summer Session

SPCH 1311	COMM 1304	Introduction to Speech Communication	3	GOVT 2305	POLS 2305	Federal Government	3
<b>Total</b>			<b>3</b>	<b>Total</b>			<b>3</b>

#### Second Year – Sophomore

Fall Semester				Spring Semester			
LSC	UHD	Course Name	Hrs	LSC	UHD	Course Name	Hrs
Language, Phil & Culture	(Core 040)	Choose from LSC Core Curriculum	3	Life & Phys. Sci.	Elective	Choose from LSC Core Curriculum	4
Life & Phys. Sci.	Elective	Choose from LSC Core Curriculum	4	PHED 1164	(Core 090)	Intro to Physical Fitness & Wellness	1
MATH 2415	MATH 2403	Calculus III	4	GOVT 2306	POLS 2306	Texas Government	3
Social & Behav. Science	(Core 080)	Choose from LSC core curriculum	3	MATH 2318	MATH 2407	Linear Algebra	3
				Creative Arts	(Core 050)	Choose from LSC Core Curriculum	3
<b>Total</b>			<b>14</b>	<b>Total</b>			<b>14</b>

#### 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
	MATH 3301	Differential Equations	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			
LSC	UHD	Course Name	Hrs	LSC	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
<b>Total</b>			<b>15</b>	<b>Total</b>			<b>12</b>

#### Notes/Comments:

- (1) EDUC 1300 is required for First Time in College (FTIC) students only.
- (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 UHD approved Teaching Certification or minor from the College of Science and Technology.

\*Based on UHD & LSC 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 LSC that are transferrable to UHD degree programs may be specified in any program-to-program articulation agreement.
- Reverse transfer
- LSC students will be allowed access to academic advising services at UHD
- LSC 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 LSC and UHD:
  - Student ID at LSC and UHD
  - Student computer/internet account, access to computer labs and access to libraries at LSC and UHD
  - Student access to sporting events at UHD
  - Free electronic transfer transcript transmission/evaluation
  - Application fees will be waived for LSC 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 LSC students with an expressed interest in transferring to UHD
  - Advising for all degree programs at UHD
- Employee discount provides LSC employees an opportunity to apply discounts or waive fees at UHD:
  - Application fee will be waived for LSC employees
  - Recognize the eligibility of LSC employees to apply for scholarship programs.

## **Standard Agreement & P2P Agreement**

(Associate of Science to  
Bachelor of Science in Mathematics)

### Program Admission Requirements

- Student must have a cumulative 2.0 GPA.
- UHD will calculate the higher grade received on duplicate courses for GPA requirements.
- UHD will accept a "D" in courses.

### Program Specific Requirements