



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



4 – Year Suggested Academic Plan for Transfer, 2021-2022 Catalog Year

First Year - Freshman

Fall Semester				Spring Semester			
LSC	UHD	Course Name	Hrs	LSC	UHD	Course Name	Hrs
EDUC 1300 (1)	Seminar	Learning Frameworks: 1 st Year Exp.	3	ENGL 1302	ENG 1302	Composition & Rhetoric II	3
ENGL 1301	ENG 1301	Composition & Rhetoric I	3	History	(Core 060)	Choose from LSC Core Curriculum	3
History	(Core 060)	Choose from LSC Core Curriculum	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				
Total			17	Total			14

Summer Session

SPCH 1311	COMM 1304	Introduction to Speech Communication	3	GOVT 2305	POLS 2305	Federal Government	3
Total			3	Total			3

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
Total			14	Total			14

Third Year - Junior

Fall Semester			Spring Semester		
UHD	Course Name	Hrs	UHD	Course Name	Hrs
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
Total		17	Total		15

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
Total			15	Total			12

Notes/Comments:

- (1) EDUC 1300 is required for First Time in College (FTIC) students only. If not FTIC, complete SPCH course from summer. All students must complete SPCH requirement.
- (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.

Completion of the AS requires a minimum of 7 elective hours. The courses listed are preferred for transfer and program completion at UHD.
Course aids in transfer and completion of program at UHD, not a requirement for completion of AS.

***Based on UHD & LSC Catalog year of 2021-2022. 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 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

- 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, statistics and DATA course work.