



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



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

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 st Year Exp. | 3 | ENGL 1302 | ENG 1302 | Composition & Rhetoric II | 3 |
| ENGL 1301 | ENG 1301 | Composition & Rhetoric I | 3 | GOVT 2306 | POLS 2306 | Texas Government | 3 |
| History | (Core 060) | Choose from LSC Core Curriculum | 3 | History | (Core 060) | Choose from LSC Core Curriculum | 3 |
| MATH 2413 (2) | MATH 2401 | Calculus I | 4 | MATH 2414 | MATH 2402 | Calculus II | 4 |
| GOVT 2305 | POLS 2305 | Federal Government | 3 | Social & Bhv. Sci. | (Core 080) | Choose from LSC Core Curriculum | 3 |
| Total | | | 16 | Total | | | 16 |

Second Year – Sophomore

| 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 & Physical Science | (Core 030) | Choose from LSC Core Curriculum | 4 |
| Life & Physical Science | (Core 030) | Choose from LSC Core Curriculum | 4 | PHED 1164 | (Core 090) | Intro to Physical Fitness & Wellness | 1 |
| Creative Arts | (Core 050) | Choose from LSC Core Curriculum | 3 | SPCH Elective | (core 010) | Choose from LSC Core Curriculum | 3 |
| MATH 2415 | MATH 2403 | Calculus III | 4 | MATH 2320 | MATH 3301 | Differential Equations | 3 |
| | | | | MATH 2318 | MATH 2307 | Linear Algebra | 3 |
| Total | | | 14 | Total | | | 14 |

Third Year - Junior

| Third Year - Junior | | | | | | | |
|---------------------|--|-----------|---------------|------------------------------------|-----------|-----|-------------|
| Fall Semester | | | | Spring Semester | | | |
| UHD | Course Name | Hrs | UHD | Course Name | Hrs | UHD | Course Name |
| CS or DATA | Options: CS 1311, CS 1410 or DATA 2401 | 3 | MATH 3306 | Introduction to Modern Algebra | 3 | | |
| MATH 2409 | Introduction to Proofs | 4 | MATH 3307 | Analysis I | 3 | | |
| MATH 3302 | Probability and Statistics | 3 | MATH Elective | 3000 level MATH – see catalog | 3 | | |
| MATH 3408 | Numerical Methods | 4 | MATH Elective | 3000-4000 level MATH – see catalog | 3 | | |
| Minor Course | See options below – note (3) | 3 | Minor Course | See options below – note (3) | 3 | | |
| Total | | 17 | Total | | 15 | | |

Fourth Year – Senior

| Fourth Year – Senior | | | | | | | |
|----------------------|------------------------------------|-----------|---------------|---|-----------|-----|-------------|
| Fall Semester | | | | Spring Semester | | | |
| UHD | Course Name | Hrs | UHD | Course Name | Hrs | UHD | Course Name |
| MATH Elective | 3000-4000 level MATH – see catalog | 3 | MATH Elective | 4000 level MATH – see catalog | 3 | | |
| MATH Elective | 3000-4000 level MATH – see catalog | 3 | Minor Course | See options below – note (3) | 3 | | |
| MATH 4395 | Senior Project in Mathematics | 3 | Minor Course | See options below – note (3) | 3 | | |
| Minor Course | See options below – note (3) | 3 | Free Elective | Free elective (if needed to complete a min. of 120 hours total) | 3 | | |
| Minor Course | See options below – note (3) | 3 | Free Elective | Free elective (if needed to complete a min. of 120 hours total) | 3 | | |
| Total | | 15 | Total | | 15 | | |

Notes/Comments:

- (1) EDUC 1300 is required for all First Time in College (FTIC) students. If not FTIC, take SPCH. All students must complete the 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 Business, College of Humanities and Social Sciences, or College of Public Service.

Completion of the AA requires a minimum of 18 elective hours. The courses listed are preferred for transfer and program completion at UHD.

Transfer map based on UHD & LSC Catalog year of 2021-2022

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

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, statistics and DATA course work.