



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



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

First Year - Freshman							
Fall Semester				Spring Semester			
LSC	UHD	Course Name	Hrs	LSC	UHD	Course Name	Hrs
EDUC 1300 or Lang. Phil. Cult (1)	Seminar or Core 040	Learning Frameworks: 1 st Year Exp. Or Choose from LSC Core Curriculum	3	BIOL 1407	BIOL 1302/1102	Biology II for Science Majors	4
MATH 2412 (2)	MATH 1404	Pre-Calculus	4	CHEM 1412	CHEM 1308/1108	General Chemistry II	4
CHEM 1411	CHEM 1307/1107	General Chemistry	4	ENGL 1301	ENG 1301	Composition & Rhetoric I	3
BIOL 1406	BIOL 1301/1101	Biology I for Science Majors	4	Social & Bhv. Sci.	(Core 080)	Choose from LSC core curriculum	3
				PHED 1164	(Core 090)	Intro to Physical Fitness & Wellness	1
Total			15	Total			15
Summer Session							
ENGL 1302	ENG 1302	Composition and Rhetoric II	3	GOVT 2306	POLS 2306	Texas Government	3
Total			3	Total			3
Second Year – Sophomore							
Fall Semester				Spring Semester			
LSC	UHD	Course Name	Hrs	LSC	UHD	Course Name	Hrs
CHEM 2423	CHEM 2301/2101	Organic Chemistry I	4	BIOL 2421	Elective	General Microbiology	4
PHYS 1401	PHYS 1307/1107	College Physics I	4	CHEM 2425 (3)	N/A	Organic Chemistry II	4
GOVT 2305	POLS 2305	Federal Government	3	PHYS 1402	PHYS 1308/1108	College Physics II	4
Life & Phys. Sci.	(Core 030)	Choose from LSC Core Curriculum	4	MATH 2413 (2)	MATH 2401	Calculus I	4
Total			15	Total			16
Third Year – Junior							
Fall Semester				Spring Semester			
UHD	Course Name		Hrs	UHD	Course Name		Hrs
BIOL 2303/2103	General Genetics w/lab		4	HIST elective	Choose from UHD core curriculum		3
STAT 3311	Statistical Analysis for Natural Science		3	BIOL 3306	Biological Evolution		3
UL BIOL	Upper Level BIOL (Plant/Fungal Area)		4	UL BIOL	Upper Level BIOL (Environmental Area)		3-4
UL BIOL	Upper Level BIOL (any content area)		3	UL BIOL high impact lab	Options: 3300, 4230, 4232, 4260, or 4399 (4399 is Honors course)		2-3
				Creative Arts	Choose from UHD core curriculum		3
Total			14	Total			15/16
Fourth Year - Senior							
Fall Semester				Spring Semester			
UL Elective (4)	Approved Upper Level Elective		3-4	BIOL 4311 or MBIO 4311 or SUST 4301	Biology, Microbiology or Sustainability Seminar		3
UL BIOL	Upper Level BIOL (any content area)		3	UL BIOL	Upper Level BIOL (any content area)		3
UL BIOL	Upper Level BIOL (Organismal Area)		3-4	UL Elective (4)	Approved Upper Level Elective		3
TCOM (writing)	TCOM 3302, 3325, 3326, 3329, or 4306		3	HIST elective	Choose from UHD core curriculum		3
UL BIOL	Upper Level BIOL (Cell/Molecular Area)		3				
Total			15/17	Total			12

Notes/Comments:

- EDUC 1300 is required for First Time in College (FTIC) students only. Students not FTIC will take any course in Language, Philosophy, & Culture (Core 040).
- Under this Biology, AS Texas Tuning Agreement, students may be placed in MATH 2413 through placement by testing or by completing the appropriate MATH prerequisites. See Advisor.
- Organic Chemistry II is required for completion at LSC but is not required for the BS in Biology at UHD and will not apply to the BS degree requirements.
- Up to 6 hours of undergraduate research may be counted as approved upper level electives (as needed to meet 120 hr. requirement) towards the degree.

GOVT 2306 is not required for completion at LSC but should be completed to satisfy degree requirements at UHD.

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 Science in Biology to
Bachelor of Science in Biology)

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 Bachelor of Science in Biology requires a grade of “C” or higher in all upper level (3000-4000) science courses to be applied to the degree.
- This academic plan represents the BS in Biology. There are also 3 concentrations within the Biology degree which are listed below. Please see the current UHD catalog for the course requirements for each concentration.
 - B.S in Biology with Concentration in Environmental Biosciences
 - B.S in Biology with Concentration in Microbiology
 - B.S in Biology with Concentration in Molecular and Cellular Biosciences