

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

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	BIOL 1407	BIOL 1302/1102	Biology II for Science Majors	4
MATH 2413 (2)	MATH 2401	Calculus I	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	MATH 2414	MATH 2402	Calculus II	4
PHED 1164	(Core 090)	Intro to Physical Fitness & Wellness	1				
Total			16	Total			15

Summer Session

ENGL 1302	ENG 1302	Composition and Rhetoric II	3	Social & Bhv. Sci. (Core 080)	Choose from LSC core curriculum	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 3301/3201	Organic Chemistry I	4	BIOL 2420 or BIOL 2421 (3)	Elective	Medical Microbiology or General Microbiology	4
PHYS 1401	PHYS 1307/1107	College Physics I	4	CHEM 2425 (4)	N/A	Organic Chemistry II	4
GOVT 2305	POLS 2305	Federal Government	3	PHYS 1402	PHYS 1308/1108	College Physics II	4
Language, Phil. & Culture	(Core 040)	Choose from LSC core curriculum	3	GOVT 2306 (5)	POLS 2306	Texas Government	3
Total			14	Total			15

Third Year – Junior

Fall Semester				Spring Semester			
LSC	UHD	Course Name	Hrs	LSC	UHD	Course Name	Hrs
	BIOL 3303/3103	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	Upper Level BIOL (any content area)	3
					Creative Arts	Choose from UHD core curriculum	3
Total			14	Total			15-16

Fourth Year - Senior

Fall Semester				Spring Semester			
LSC	UHD	Course Name	Hrs	LSC	UHD	Course Name	Hrs
	UL Elective (6)	Approved Upper Level Elective	3-4		BIOL 4311 or MBIO 4311	Biology or Microbiology Seminar	3
	UL BIOL	Options: 3300, 4230, 4232, 4260, or 4399 (4399 is Honors course)	2-3		UL Elective (6)	Approved Upper Level Elective	3-4
	UL BIOL	Upper Level BIOL (Organismal Area)	3-4		UL Elective (6)	Approved Upper Level Elective	3-4
	ENG (writing)	ENG 3302, 3325, 3326, 3329, or 4306	3		UL BIOL	Upper Level BIOL (Cell/Molecular Area)	3
	HIST elective	Choose from UHD core curriculum	3				
Total			14-17	Total			12-14

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). See Advisor.
- (3) Students that select BIOL 2420 will need approval from the Dean at LSC to receive their AS in Biology, they must also earn a "C or better" or they may be required to complete General Microbiology (MBIO 2305/2105) at UHD. NOTE: Students should be aware when selecting a course that many professional and graduate programs may require the student to complete General Microbiology instead of accepting Medical Microbiology.
- (4) 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.
- (5) GOVT 2306 is not required for completion at LSC but should be completed to satisfy degree requirements at UHD.
- (6) 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.

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 UHD employees
 - Recognize the eligibility of LSC employees to apply for scholarship programs.

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