



Transfer Degree Map: HCC Associate of Science in Biology (Biology Majors) to University of Houston-Downtown Bachelor of Science in Biology



4 – Year Suggested Academic Plan for Transfer

*Based on UHD & HCC Catalog year of 2021-2022 **Note:** There may be some minor changes in courses due to recently approved course updates.

First Year - Freshman							
Fall Semester				Spring Semester			
HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
EDUC 1300 (1)	Seminar	Learning Frameworks: 1 st Year Exp.	3	ENGL 1302	ENG 1302	Composition II	3
BIOL 1406	BIOL 1301/1101	Biology I for Science Majors	4	CHEM 1412	CHEM 1308/1108	General Chemistry II	4
CHEM 1411	CHEM 1307/1107	General Chemistry	4	MATH 2413	MATH 2401	Calculus I	4
ENGL 1301	ENG 1301	Composition & Rhetoric I	3	BIOL 1407	BIOL 1302/1102	Biology for Science Majors II	4
MATH 2412	MATH 1404	Pre-calculus	4				
Total			18	Total			15
Second Year – Sophomore							
Fall Semester				Spring Semester			
HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
CHEM 2423	CHEM 2301/2101	Organic Chemistry I	4	BIOL 2421	MBIO 2305/2105	General Microbiology	4
PHYS 1401	PHYS 1307/1107	College Physics I	4	Core 40	Core 40	Refer to catalog for options	3
GOVT 2305	POLS 2305	Federal Government	3	PHYS 1402	PHYS 1308/1108	College Physics II	4
HIST 1301	HIST 1305	United States History to 1877	3	HIST 1302	HIST 1306	United States History after 1877	3
Total			14	Total			14
Third Year – Junior							
Fall Semester				Spring Semester			
HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
	BIOL 2303/2103	General Genetics w/lab	4		BIOL 3306	Biological Evolution	3
	UL BIOL (3)	Upper Level BIOL (any content area)	3		UL BIOL (3)	Upper Level BIOL (Environmental Area)	3
	UL BIOL (3)	Upper Level BIOL (Plant/Fungal Area)	4		UL BIOL high impact lab	Options: 3300, 4230, 4232, 4260, or 4399 (4399 is Honors course)	2-3
	MATH/CS	Options: MATH 2402, CS 1408, CS 1410	4		Creative Arts	Choose from UHD core curriculum	3
					POLS 2306	Texas Government	3
Total			15	Total			14-15
Fourth Year - Senior							
Fall Semester				Spring Semester			
HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
	Social and Behavioral Sciences	Choose from UHD core curriculum	3		STAT 3311	Statistical Analysis for Natural Science	3
	UL BIOL (3)	Upper Level BIOL (any content area)	3		UL Elective	Approved Upper Level Elective	5
	UL BIOL (3)	Upper Level BIOL (Organismal Area)	4		Seminar	Options: BIOL 4311, MBIO 4311, SUST 4301	3
	TCOM (writing)	TCOM 3302, 3325, 3326, 3329, or 4306	3				
	UL BIOL	Upper Level BIOL (Cell/Molecular Area)	3		UL BIOL (3)	Upper Level BIOL (any content area)	3
					COMM (90)	Choose from core curriculum	3
Total			16	Total			17

Notes/Comments:

- (1) EDUC 1300 is required for First Time in College (FTIC) students only. If not FTIC, students should consider prereq's for Calculus I (see note 2).
- (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 advisor regarding placement testing.
- (3) Biology Content Area Options (prereq's may be required for some selections):
 - Cell/Molecular Area:** (BIOL 4320, 4330, 4230, or 4232(not previously taken); MBIO 4320/4120, CHEM 4340/4140, 3390/4390 (if approved).
 - Plant/Fungal Area:** BIOL 3330/3130, 3310/3110, 3340/3140, 3390/4390 (if approved).
 - Environmental Area:** BIOL 3302/3102, 4260 (not previously taken), 4360, 4340, 4350, MBIO 3340, 3390/4390 (if approved).
- (4) **Organismal Area:** BIOL 3304/3104, 3305/3105, 3320/3120, 4303, 4313/4113, 4344, 4305, 3390/4390 (if approved); MBIO 3320 or MBIO 4340/4140. Up to 6 hours of undergraduate research may be counted as approved upper level electives towards the degree.

Articulation Agreement Information – Standard and Program to Program (P2P)

Transfer of Credit & Student Benefits

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

Standard Agreement & P2P Agreement

(Associate of Science in Biology (Biology Majors) 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 Degree in Biology requires a grade of "C" or higher in all upper-level science courses to be applied to the degree.