



Galveston College Associate of Science – Biology to University of Houston Downtown Bachelor of Science in Biology



4 – Year Suggested Academic Plan for Transfer

*Based on UHD 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			
GC	UHD	Course Name	Hrs	GC	UHD	Course Name	Hrs
*ENGL 1301	ENG 1301	Composition I	3	*ENGL 1302	ENG 1302	Composition II	3
MATH 2413	MATH 2401	Calculus I	4	MATH 2414	MATH 2402	Calculus II	4
BIOL 1406	BIOL 1301/1101	General Biology I	4	BIOL 1407	BIOL 1302/1102	General Biology II	4
CHEM 1411	CHEM 1307/1107	General Chemistry I	4	CHEM 1412	CHEM 1308/1108	General Chemistry II	4
Total			15	Total			15
Second Year - Sophomore							
Fall Semester				Spring Semester			
GC	UHD	Course Name	Hrs	GC	UHD	Course Name	Hrs
*HIST 1301	(Core 060)	US History I	3	*HIST 1302	(Core 060)	US History II	3
Elective ⁴	Elective	Choose from options below	3	Language, Philosophy & Culture Elective ³	(Core 040)	Choose from options below	3
GOVT 2305	POLS 2305	Federal Government	3	*GOVT 2306	POLS 2306	Texas Government	3
CHEM 2423	CHEM 2301/2101	Organic Chemistry I	4	PHYS 1401	PHYS 1307/1107	College Physics I	4
Creative Arts Elective ²	Creative Arts	Choose from options below	3	*Social & Behavioral Sci. ¹	(Core 080)	Choose from options below	3
Total			16	Total			16
Third Year - Junior							
Fall Semester				Spring Semester			
GC	UHD	Course Name	Hrs	GC	UHD	Course Name	Hrs
	BIOL 2303/2103	General Genetics w/lab	4		MBIO 2305/2105	General Microbiology w/Lab	4
	UL BIOL	Upper Level BIOL (Plant/Fungal Area)	4		BIOL 3306	Biological Evolution	3
	UL BIOL	Upper Level BIOL (any content area)	4		UL BIOL	Upper Level BIOL (Environmental Area)	3-4
	UHD2XXX (core 90)	UHD transfer seminar	3		UL BIOL	Upper Level BIOL (any content area)	3
					UL BIOL	Options: 3300, 4230, 4232, 4260, or 4399 (4399 is Honors course)	2-3
Total			15	Total			15-16
Fourth Year - Senior							
Fall Semester				Spring Semester			
GC	UHD	Course Name	Hrs	GC	UHD	Course Name	Hrs
	UL Elective (6)	Approved Upper Level Elective	3-4		BIOL 4311 or MBIO 4311 or SUST 4301	Biology, Microbiology or Sustainability Seminar	3
	COMM (core 90)	Choose from UHD core curriculum	3		STAT 3311	Statistical Analysis for Natural Science	3
	UL BIOL	Upper Level BIOL (Organismal Area)	3-4		UL Elective (6)	Approved Upper Level Elective	3-4
	TCOM (writing)	TOM 3302, 3325, 3326, 3329, or 4306	3		UL BIOL	Upper Level BIOL (Cell/Molecular Area)	3
	PHYS 1308/1108	General Physics II w/Lab	4		UL BIOL	Upper Level BIOL (any content area)	3
Total			16-18	Total			15

Notes/Comments:

- (1) **Social and Behavioral Sciences options are:** CRIJ 1301, CRIJ 1307, ECON 2301, ECON 2302, KINE 1304, KINE 1346, PSYC 2301, SOCI 1301, or SOCI 1306.
- (2) **Creative Arts Elective options are:** ARTS 1301, ARTS 1303, COMM 2366, DRAM 1310, DRAM 2366, HUMA 1301, MUSI 1306, MUSI 1310.
- (3) **Language, Philosophy, & Culture options are:** ARTS 1304, DRAM 2361, DRAM 2362, ENGL 2322, ENGL 2323, ENGL 2327, ENGL 2328, ENGL 2332, ENGL 2333, HIST 2311, HIST 2312, HUMA 1302, PHIL 1301, PHIL 2306, or PHIL 2307.

(4) **Elective options are:** Select any academic elective as most technical or workforce courses will not satisfy elective hour requirements.

***Dual Credit Course Options**

A grade of a "C" or better is required for the courses at GC. Student must also meet GPA transfer admission requirement.

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

Transfer of Credit & Student Benefits

- Credits from GC that are transferrable to UHD degree programs may be specified in any program-to-program articulation agreement.
- Reverse transfer
- GC students will be allowed access to academic advising services at UHD
- GC 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