

4 – Year Suggested Academic Plan for Transfer, Effective 2025-2026 Catalog Year

First Year Freshman							
Fall Semester				Spring Semester			
HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
EDUC 1300 (1)	UHD 13XX	(Core 090)	3	ENGL 1302	ENG 1302	Composition II (Core 010)	3
BIOL 1306/1106	BIOL 1301/1101	Biology I for Science Majors (Core 030)	4	CHEM 1412	CHEM 1308/1108	General Chemistry II	4
CHEM 1311/1111	CHEM 1307/1107	General Chemistry I Lecture/Lab	4	MATH 2413	MATH 2401	Calculus I	4
ENGL 1301	ENG 1301	Composition & Rhetoric I (Core 010)	3	BIOL 1407	BIOL 1302/1102	Biology for Science Majors II (Core 030)	4
MATH 2412 (2)	MATH 1404	Pre-calculus (Core 020)	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	CHEM 2425	CHEM 2302/2102	Organic Chemistry II	4
GOVT 2305	POLS 2305	Federal Government (Core 070)	3	PHYS 1402	PHYS 1308/1108	College Physics II	4
HIST 1301	HIST 1305	United States History to 1877 (Core 060)	3	HIST 1302	HIST 1306	United States History after 1877 (Core 060)	3
Total			14	Total			15
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, 4302, 4331, 4332, 4361, or 4399 (4399 is Honors course)	3
	MATH/CS	Options: MATH 2412, CS 1408, CS 1411	4		Core (050)	Creative Arts (Core 050)	3
	Core (040)	Language, Philosophy & Culture Lab (Core 040)	3		POLS 2306	Texas Government (Core 070)	3
Total			18	Total			15
Fourth Year Senior							
Fall Semester				Spring Semester			
HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
	Core (080)	Social & Behavioral Sciences (Core 080)	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	3
	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
					Oral Communications	Oral Communications (Core 090)	3
Total			16	Total			15

Notes/Comments:

- 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).
- Students may be placed in MATH 2412 through placement testing OR by completing all MATH prerequisites (MATH 1314, 1316, and 2412). Student should consult with advisor regarding placement testing.
- Biology Content Area Options (prereq's may be required for some selections):
Cell/Molecular Area: (BIOL 3308, BIOL 4320, 4330, 4230, or 4232(not previously taken); MBIO 4320/4120, MBIO 4330, CHEM 4340/4140, BIOL/CHEM 4344 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).
- Organismal Area:** BIOL 3304/3104, 3305/3105, 3320, 4303, 4313/4113, 4344 (if not previously used), 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.



HCC Associate of Science in Biology (Biology Majors) to University of Houston-Downtown Bachelor of Science in Biology



Transfer Information

Program Specific Information:

Bachelor of Science – Biology

Program Specific Requirements:

- The BS in Biology 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 upper-level science courses to be applied to the degree.

Program Admissions 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
- UHD will calculate the higher grade received on duplicate courses for GPA requirements

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

Field Of Study:

Designated Core Courses:

ECON 2301 MATH 1324

Discipline Foundation Courses:

ECON 2302 ACCT 2301 ACCT 2302 BUSI 1301

FOS courses are guaranteed to transfer and apply to degree programs at all Texas public institutions of higher education, including community colleges, state and technical colleges, universities, and health-related institutions. This means the courses will transfer and apply from a two-year to a four-year institution, from a two-year to a two-year institution, from a four-year to a two-year institution, and from a four-year to a four-year institution.

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