

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	HIST 1302	HIST 1306	United States History after 1877 (Core 060)	3
ENGL 1301	ENGL 1301	Composition I (Core 010)	3	MATH 2413 (2) (3)	MATH 2401	Calculus I	4
MATH 2412 (2) (3)	Math 1404	Pre-Calculus Math (Core 020)	4	ENGL 1302	ENG 1302	Composition II (Core 010)	3
HIST 1301	HIST 1305	United States History to 1877 (Core 060)	3	COSC 1437	CS 2411	Programming Fundamentals II	4
COSC 1436	CS 1411	Programming Fundamentals I	4				
Total			17	Total			14
Second Year Sophomore							
Fall Semester				Spring Semester			
HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
GOVT 2305	POLS 2305	Federal Government (Core 070)	3	GOVT 2306	POLS 2306	Texas Government (Core 070)	3
PHYS 2325/2125	PHYS 2401/2101	University Physics I Lecture/Lab (Core 030)	4	PHYS 2326/2126	PHYS 2402/2102	University Physics II Lecture/Lab (Core 030)	4
MATH 2414	MATH 2402	Calculus II	4	COSC 2425	CS 2301	Computer Organization	4
COSC 2436	CS 3304	Programming Fundamentals III	4	Social & Behavioral Sciences Elective	Core (080)	Social & Behavioral Sciences (Core 080)	3
Total			15	Total			14
Summer Session							
MATH 2305 (4)		MATH 2305 Discrete Mathematics	3	SPCH 1311 (5)	COMM 1304	Introduction to Speech Communication (Core 090)	3
Total			3	Total			3
Third Year – Junior							
Fall Semester				Spring Semester			
HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs
	CS 2302	Digital Logic	3		CS 4315	Operating Systems	3
	CS 3306	Introduction to Theory of Computation	3		CS 4318	Database Systems	3
	CS 3321	Software Engineering	3		CS Elective	3000/4000 Level – See catalog/advisor	3
	MATH 2307	Linear Algebra	3		MATH 3302 or STAT 3311	Probability & Statistics or Statistical Analysis for Natural Science	3
	Core (040)	Language, Philosophy & Culture Lab (Core 040)	3		CS Elective	Any level above CS 1305 – see catalog	3
Total			15	Total			15
Fourth Year – Senior							
Fall Semester				Spring Semester			
HCC	UHD	Course Name	Hrs	HCC	UHD	Course Name	Hrs.
	CS 4303	Programming Language Concepts	3		CS 4395	Senior Project in Computer Science	3
	CS 4294	Senior Seminar	2		CS Elective	3000/4000 Level – See catalog/advisor	3
	CS Elective	3000/4000 Level – See catalog/advisor	3		CS Elective	3000/4000 Level – See catalog/advisor	3
	CS Elective	3000/4000 Level – See catalog/advisor	3		TCOM 3302	Business & Technical Report Writing	3
	Core (050)	Creative Arts (Core 050)	3				
Total			14	Total			12

Notes/Comments (AS in Computer Science to BS in Computer Science at UHD):

- (1) (4) EDUC 1300 is required for First Time in College (FTIC) students only. Non-FTIC students should enroll in SPCH 1311
- (2) Student may be placed in MATH 2413 directly through placement testing OR by completing all MATH prerequisites (MATH 1314, 1316, and 2412). Student should consult with an advisor regarding placement testing.
- (3) UHD does not require MATH 2412 for the Bachelor of Science in Computer Science degree plan but the hours can be used to satisfy Free Electives in the degree.
- (4) MATH 2305 is not required for AS in CS but is required for BS in CS.
- (5) SPCH 1311 is a prerequisite for CS 4294 Senior Seminar. Therefore, this course will count towards the Core 90 as well as satisfy course prerequisite.

Transfer Information

Program Specific Information:

Bachelor of Science – Computer Science

Program Specific Requirements:

- The BS in Computer Science at UHD is a 120 credit hour degree program.
- All The Bachelor of Science Degree in Computer Science requires a grade of “C” or higher in all upper-level CS and Calculus courses and 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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